BRITISH COLUMBIA POPULATION FORECAST 1987-2011

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British Columbia Population Forecast 1987-2011

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MESSAGE FROM THE MINISTER

Business planning is an essential part of operating a successful enterprise and planning depends on good, timely information. That's why my Ministry is in the business of providing you, the entrepreneur and researcher, with data that will help you plan for the future.

By providing reliable population forecasts in this booklet form, we're assisting entrepreneurs to make long-term plans which are largely dependent on the expected population base.

For government, the demand for schools, hospitals, roads and other public services is closely related to population. For the private sector, the size and age structure of the population greatly affect marketing strategies.

The forecasts in this booklet take us well into the next century. British Columbia is preparing for the year 2000 with enthusiasm to sustain and expand our economic place in the world. These statistics will aid our planners and decision-makers to take full advantage of changing demographics in building for the next century.

Hon. Grace M. McCarthy
Minister of Economic Development

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FOREWORD

Population changes affect, and are affected by, the economic environment. In particular, the effects of aging, migration, fertility and mortality impact directly on the economic well-being of the Province in such areas as potential labour force growth, demand for housing and other goods, as well as demand for government services such as education and health care.

This publication provides forecasts of the size and age/sex structure of the population of the Province of British Columbia to the year 2011. The forecast is the result of the application of a "Component/Cohort-Survival" population model to assumptions selected by the Central Statistics Bureau dealing with fertility, mortality and migration for the Province.

The Component/Cohort-Survival method requires separate forecasts of each of the components of population change, namely fertility, mortality and migration. With this information, and with a base year age-specific estimate of population, a forecast for any subsequent year is made by promoting each age group in the preceding year to the next highest age group, while at the same time taking into account the effects of net migration, deaths and/or births.

The term "forecast" as opposed to "projection" has been used when referring to the future Provincial population. The two terms are often used interchangeably, but strictly speaking, a projection is a simulation based primarily on historical data. A forecast, on the other hand, represents adjustments to a trend based on the professional judgment of the forecaster regarding the way in which future growth will be affected by current and future developments.

The first provincial population forecast prepared and released by the Central Statistics Bureau in March of 1979, was produced with Statistics Canada's population projection model, and was numbered in the Statistics Canada projection series as 51. The present forecast is the eighth in

a series that has been produced using the Bureau's own model. Future forecasts in this series will be produced on an annual basis or when significant developments make a new forecast necessary. These forecasts will be numbered according to the month and year of preparation. This forecast was prepared in October 1987.

The first section of this publication is intended to summarize in graphic form some of the general demographic implications of the British Columbia population to the year 2011. The second section contains the age/sex specific forecast itself. This is followed by a technical appendix describing the input assumptions of this forecast.

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British Columbia Population

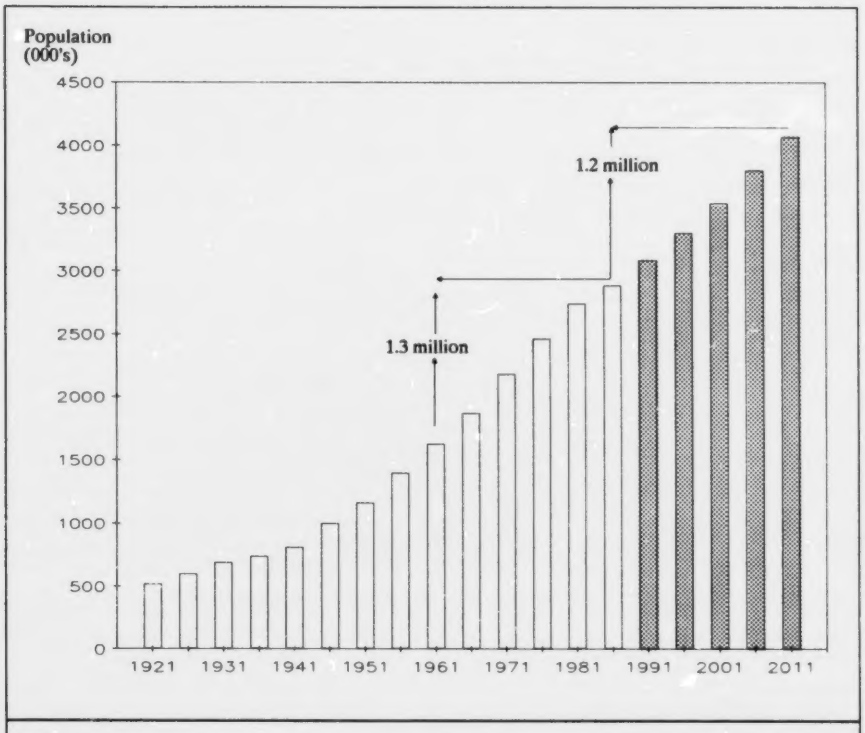


Figure 1 Central Statistics Bureau

- Over the 25 years from 1986 to 2011 it is expected that there will be a net increase in population of about 1.2 million persons.

- This is slightly less than the net gain experienced over the 25 years from 1961 to 1986.

- On average, over the 25 years from 1986 to 2011 there will be a net gain of 47,000 persons per year, which represents an annual net gain approximately equal to the population of the City of Nanaimo.

Components of British Columbia Population Change

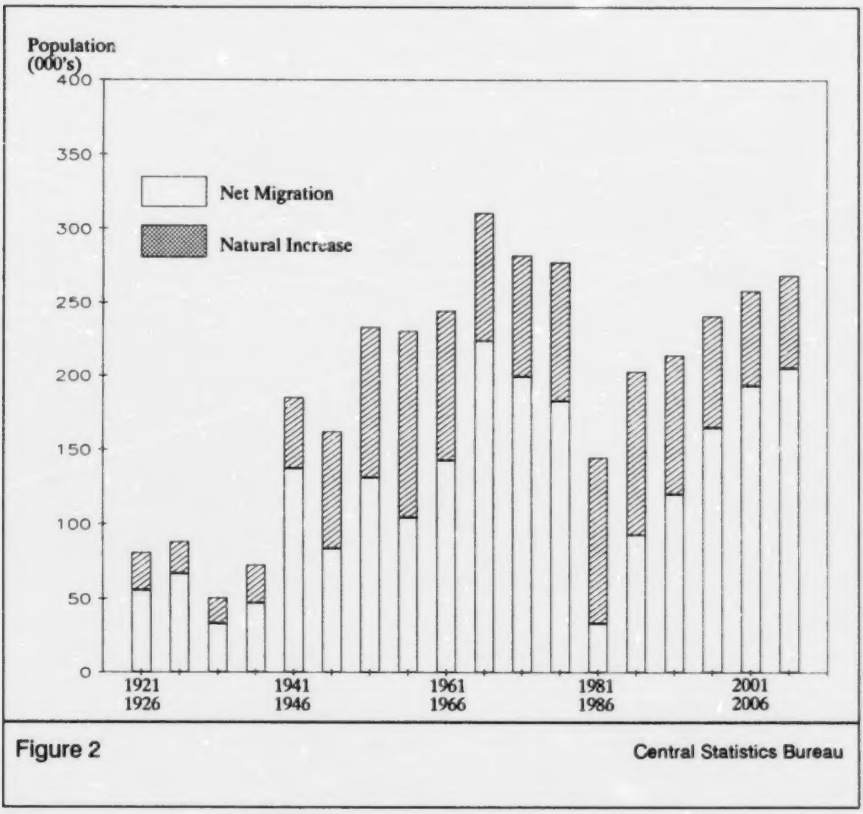


Figure 2

Central Statistics Bureau

- Population growth outlined in Figure 1 is derived from two sources:
  (1) an excess of births over deaths (natural increase), and
  (2) the difference between those persons moving to the Province and those leaving (net migration).

- Net migration, which tends to be the major source of B.C. population growth, accounted for approximately 61% of the total growth over the 1926 to 1986 period, and is forecast to be 66% over the 1986 to 2011 period.

British Columbia Population Growth Rates

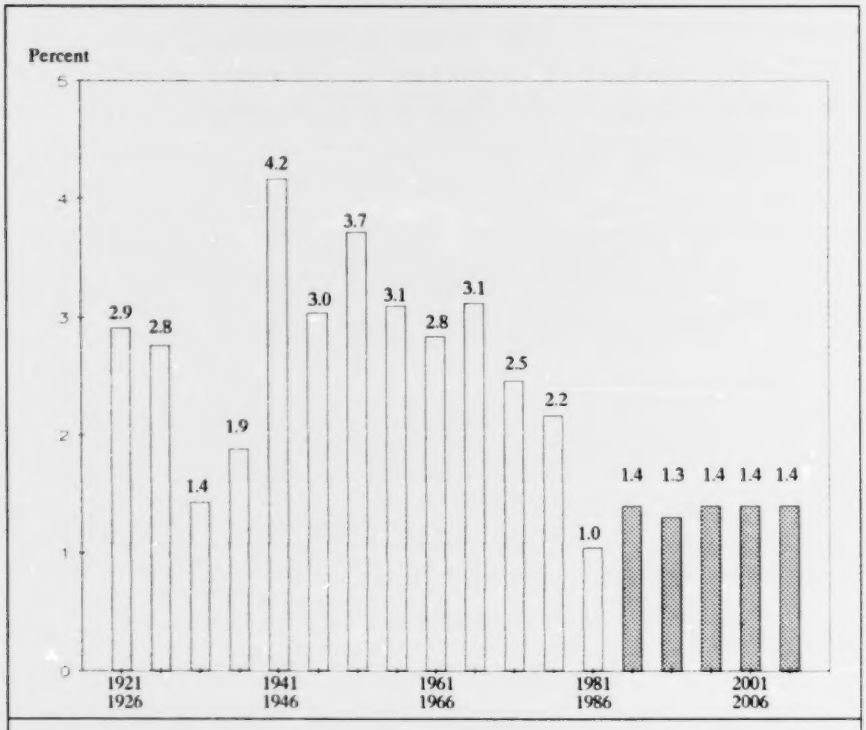


Figure 3

Central Statistics Bureau

- The expected long term average annual population growth rate over the next 25 years of 1.3 to 1.4 percent is significantly less than that of the recent past.

- This is due to an expected decline in the rates of fertility and population gain through migration, relative to the past.

B.C. Population by Single Year of Age

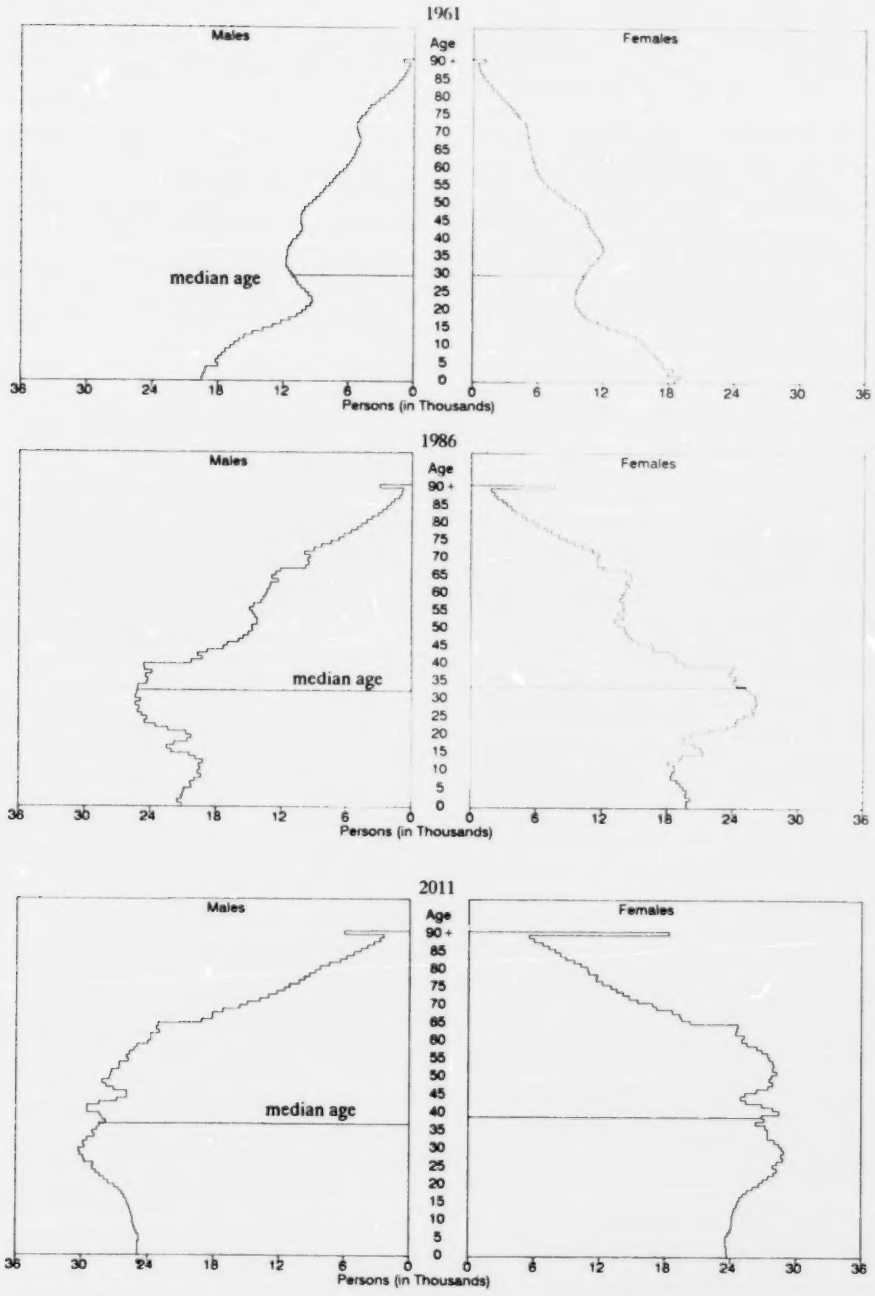


Figure 4

Central Statistics Bureau

B.C. Population by Single Year of Age

- The total growth in Figure 1 can be examined with respect to growth in each age group. A sample of three points in time (1961, 1986 and 2011) is given in Figure 4.

- Growth in each age group is not uniform since the components of growth outlined in Figure 2 are non-uniform across the age spectrum. In addition, the size of each age group changes with the predictable effects of aging (cohort advancement).

- Net migration tends to impact most heavily on the 15-34 year old range, accounting for over 50% of all migrants into or out of B.C.

- Deaths naturally tend to impact most heavily on the old. Over 50% of all deaths in 1986 occurred to persons over the age of 74.

- Births, of course, impact solely on the zero year old age group.

- The cumulative effects of this non-uniform growth by age group over time has caused the variation in the population age profile seen in Figure 4.

- One of the most significant variations to occur in the last hundred years is the result of what has been termed the "baby-boom". From the end of the Second World War up to 1959 a dramatic increase in the fertility of women was recorded. The average number of births per woman age 15 to 49 rose from 2.4 in 1945 to 4.0 by 1959, dropping to 1.7 by 1977, and remaining at about that level until the present. The initial effects of the baby-boom can be seen in the 1961 population age profile in the 0-9 age group, and again in the 1986 (20-39) and 2011 (45-64) age profiles.

- In addition to the baby-boom, the "baby-echo" (children of the baby-boom), can be seen emerging in the 1986 profile in the 0-4 year old age group. The existence of the baby-echo is due to quite different reasons than those of the baby-boom. The baby-boom resulted from a dramatic increase in the fertility of the population. However, the baby-echo results from a much smaller and relatively stable fertility rate, but a much larger number of potential families.

- Given the uneven nature of the age profile of the population in the Province, it is easy to see why some age groups over time can experience declines in population in some years despite an overall growth in total population. The most significant example of this situation is the school-aged population, which is examined in greater detail in Figure 10.

- Both past and future increases in the elderly (65 +) population are also evident in Figure 4. These increases are due primarily to the aging of the population, as opposed to an increase in life expectancy.

British Columbia Population Median Age

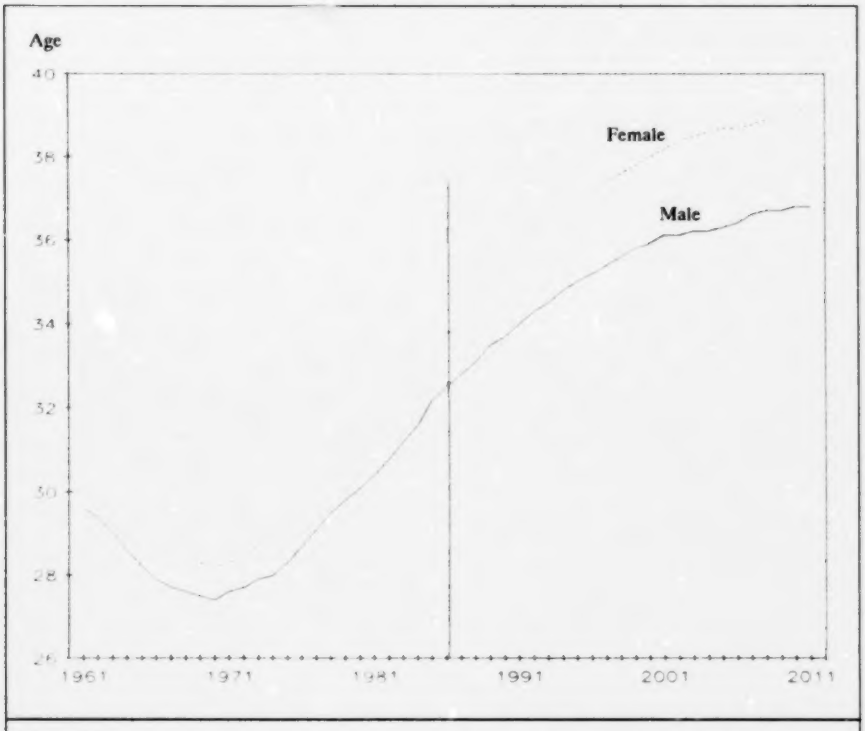


Figure 5 Central Statistics Bureau

- The median age of females tends to be higher than that of males. This results from the fact that, on average, females live longer than males.

- The population median age has increased from 27.8 years in 1970 to 33.1 in 1986, and is primarily the result of low (relative to historical levels) fertility rates, and the aging of the baby-boom cohort. The continuation of this situation will result in a further increase in the median age of both men and women.

British Columbia Population Sex Ratios

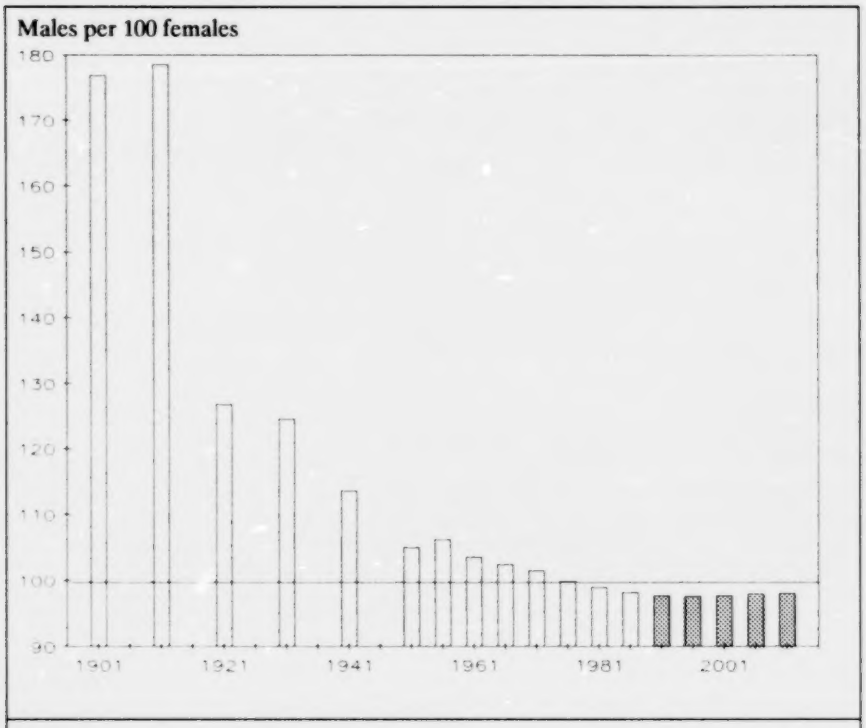


Figure 6 Central Statistics Bureau

- The sex ratio (number of males per 100 females) has been generally declining since the beginning of the century.

- In recent years, a trend toward female dominance resulted from a declining fertility rate and an aging of the population. On average, more males than females are born. Of all births in B.C. between 1922 and 1986, 51.2% were males. Consequently, in times of high birth rates, as was the case during the baby-boom, the male population will typically grow more quickly than the female population.

- The higher male birth rate is offset by higher male mortality, both in the younger and older age groups. Consequently, when the birth rate is low and the population is aging, as is the case now, the female population will tend to grow more quickly than the male population.

British Columbia Population Sex Ratios by Age – 1986

Figure 7 Central Statistics Bureau

- Migration also will impact on the sex ratio of the population. In the past, migration to the Province was heavily male dominant, resulting in high sex ratios. However, recent data (since 1976) indicates the sex structure of the net gain in the B.C. population through migration is approximately equal. In future, this situation may vary slightly, favoring females in some years and males in others. This results from the relative magnitudes of international and interprovincial migration, each with a distinctly different age/sex structure. The overall net impact on the sex ratio, however, is expected to be minor.

- There is a significant variation in the sex ratio by age. There are more males than females among the younger population (0-19) due largely to higher male birth rates. The 20 to 34 year old age groups indicate a female dominance. This situation is reversed again for the 35 to 56 year olds. Finally, the 57 and over age groups are heavily female dominant due to lower mortality rates among elderly females.

British Columbia Median Age at Death

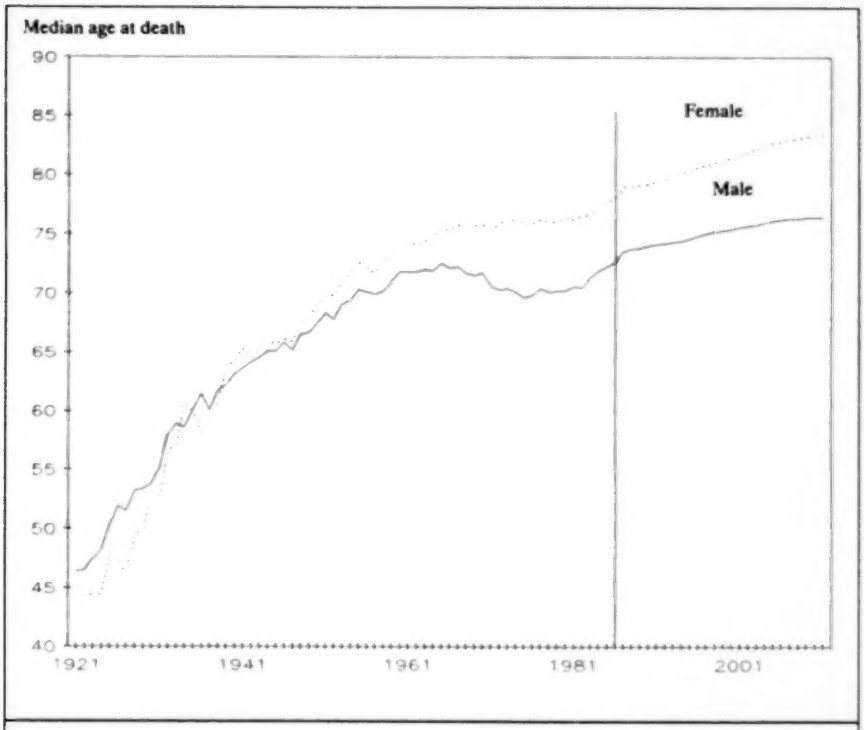


Figure 8 Central Statistics Bureau

- The median age at death is affected by survival rates as well as the age structure of the population.

- As can be seen in Figure 7, since the late 1940's the median age at death for females has been higher than that for males. This observation reflects the higher female survival rates, both in the very young and elderly age groups.

- Prior to 1939 the female median age at death was generally lower than that for males, primarily due to maternity related deaths among females.

- From the mid 1960's through to the late 1970's the median age at death for males declined, and that for females remained relatively stable. This is largely because of the movement of the baby-boom cohort into the higher male mortality age group associated with the late teens.

- In future, the difference between the median ages at death for males and females will widen slightly with the aging of the population, and the more robust nature of older females relative to males.

Median Age at Death

1986 Females	– 78.1	5.9 years
1986 Males	– 72.2	
2006 Females	– 82.4	6.5 years
2006 Males	– 75.9	

British Columbia Births and Deaths

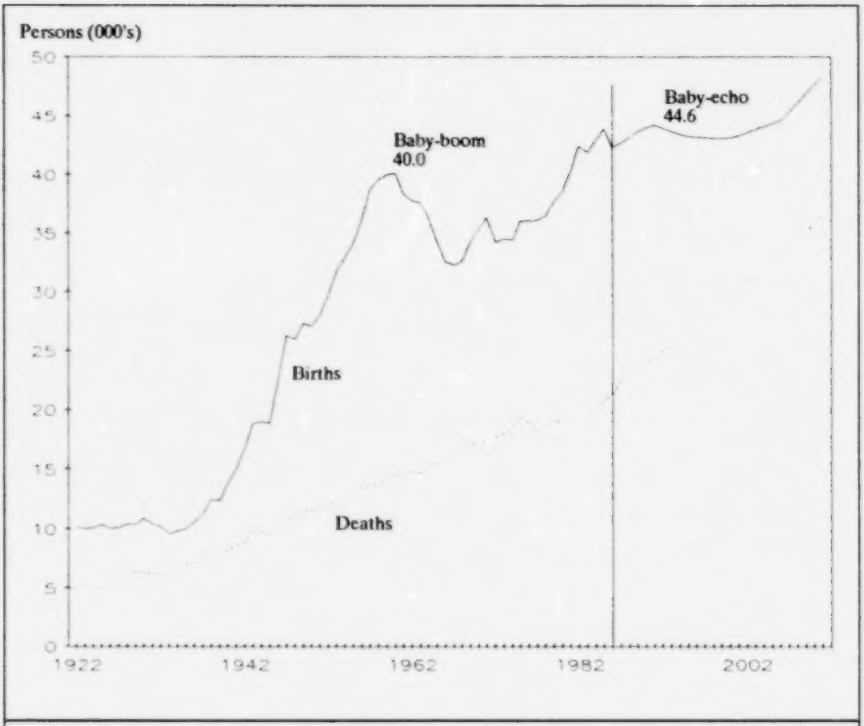


Figure 9 Central Statistics Bureau

- As can be seen in Figure 9, the 1985/86 number of births (42,700) is greater than that recorded during the peak of the baby-boom. This does not imply that we are experiencing another baby-boom. Rather the current increase in births is the result of an increased population, particularly that aged 15 to 49 years (i.e. the child bearing ages).

- From 1991 to 1998 the number of births is forecast to drop due to the aging of the baby-boom cohort beyond the prime child bearing ages (20-34).

- As can be seen in Figure 9, the number of deaths will continue to increase over the next 25 years, due to an increased population.

British Columbia Crude Birth and Death Rates

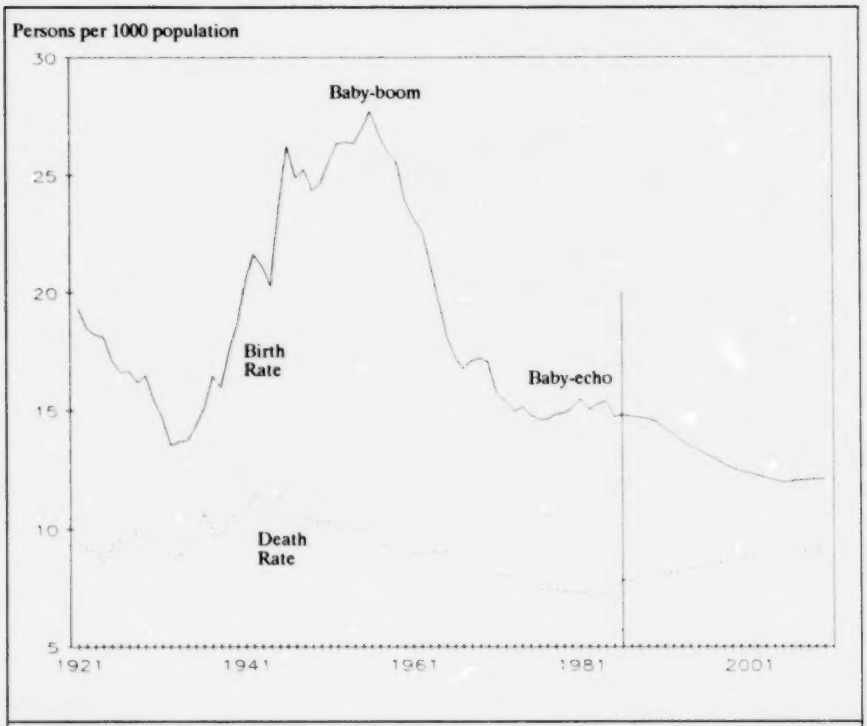


Figure 10 Central Statistics Bureau

- The crude birth and death rates are simply the number of births and deaths per 1000 of population. Consequently, the effects described in Figure 9 regarding the impact of increased population on births and deaths are removed.

- The crude birth rate records a dramatic decline from 1957 to 1978, which is associated with the ending of the baby-boom.

- The slight increase in crude birth rates to 1985 is an outcome of the baby-echo described earlier.

- Crude death rates showed a general decline since the early 1940's due mainly to the relatively younger age structure of the population over that period. After 1984, the crude death rates will begin to increase as a result of the aging of the population into the higher mortality age groups.

British Columbia Population Aged 5–12, 13–17 and 18–24

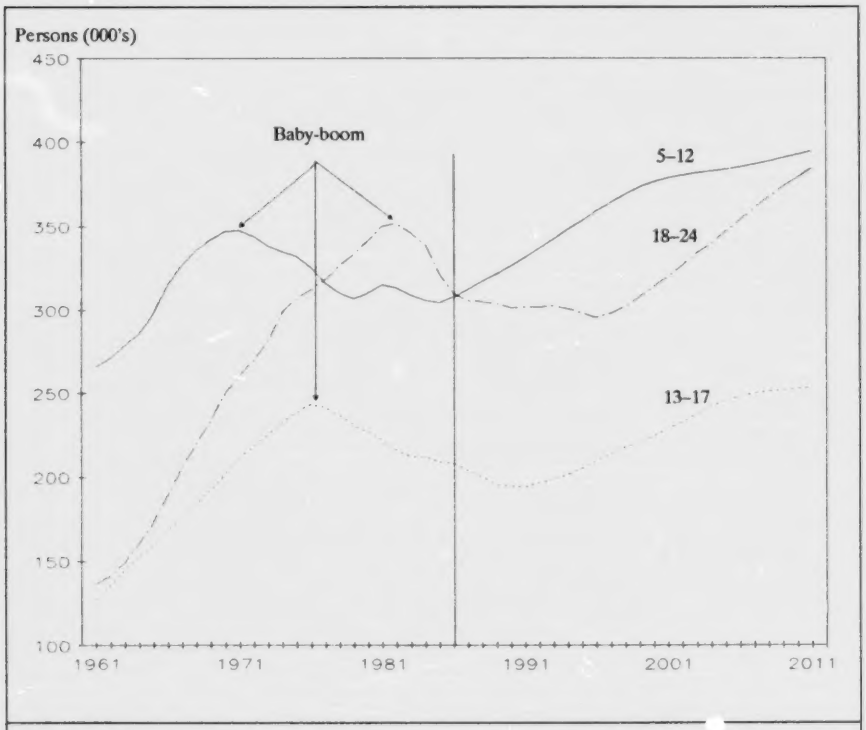


Figure 11 Central Statistics Bureau

- As earlier outlined (Figure 4), changes in population will vary between age groups. Three age groups that impact on the education system are examined in Figure 11. They are 5–12 (elementary), 13–17 (secondary) and 18–24 (post-secondary).

- As seen in Figure 11, the population age 5–12 increased until 1971 as the full impact of the baby-boom was felt, and declined thereafter to a low in 1985. From 1986 to 2011 this cohort is expected to show a steady increase as the baby-echo moves into the 5–12 age group.

- The 13–17 year old age group will react in a similar manner as the baby-boom generation ages. Population in this age group is expected to decline until 1991.

- The 18–24 age group has already peaked and will likely experience declines over the next 10 years.

- It should be noted that the question of changing enrollment rates has not been addressed. Consequently, the full impact of population aging on enrollment in the education system is not precisely covered above.

British Columbia Dependency Ratios

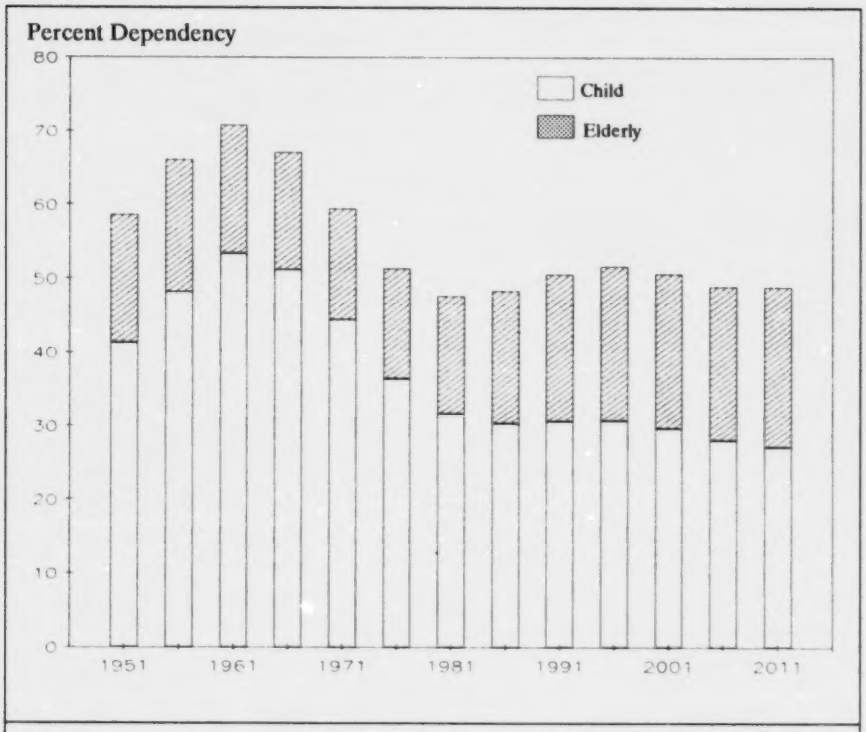


Figure 12

Central Statistics Bureau

- Changes in the age structure of the population have significant impacts on the labour force and economy. Figure 12 examines this aspect of population change through "dependency ratios".

- Child and elderly dependency ratios are defined as the proportions of population 0-14 and 65 + respectively, to the population aged 15-64. In effect, crude comparisons of the population who are "dependent" by virtue of age with the potentially "economically active" population are made.

- The child dependency ratio has declined dramatically since 1962 largely because of a falling fertility rate.

- This decline, however, is projected to reach a minimum of approximately 30.4 children per 100 persons of working age by 1986, and gradually increase to a peak of 30.9 by 1993, as the effects of the baby-echo are felt. Because of a lower projected total fertility rate than that of the 1950's and 60's, the effect of the baby-echo on the child dependency ratio is much less dramatic than was the case during the baby-boom.

- The general decline in elderly dependency between 1956 and 1975 primarily resulted from strong growth in the 15 to 64 year old population.

- By 1975 baby-boom induced growth in the working age population slowed, resulting in an increase in the elderly dependency ratio from 14.7 persons over the age of 65 for every 100 persons of working age, to the 1986 level of 17.9.

- Elderly dependency is expected to rise further, to a level of 21.1 by 1998, as growth in the elderly population continues to outstrip that of the working age population.

- From 1998 to 2006 the rate will drop slightly to 20.9 as a slight pause is observed in the growth of the elderly population relative to the 15-64 year old population. This pause should be viewed as only a temporary lull before the full impact of the baby-boom generation reaches retirement age sometime after 2011.

- The sum of elderly and child dependency is known as total dependency. It should be noted that this measure does not take into consideration the relative differences in the cost of providing services to the young and elderly, and as such is only a very crude measure of the total "economic" dependency. The Provincial total dependency ratio is expected to increase from a 1982 low of 47.6 "dependent" persons for every 100 "active" persons to 51.7 by 1996, then drop back to 48.9 by 2009.

- This increase is due entirely to increases in the elderly dependency rate.

- The age structure that is forecast to develop in B.C. over the next 25 years will not produce a population with a dramatically altered mix of dependent to active participants relative to that experienced in the past 25 years. However, there will be a signifigant redistribution of the source of the dependancy burden from the younger to the older populations, which will affect the types of services to be provided in the future.

Table 1

British Columbia Population by Age
Estimated (1971-86) and Forecast (1987-2011) ('000)

Year	Age Group 0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
1976	173.2	194.0	227.9	237.9	221.5	218.9	176.9	144.7	135.2	134.6	134.1	117.1	108.7	84.9	63.0	42.8	27.7	15.8	7.9	2,466.6
1977	173.8	192.2	219.9	239.2	225.1	219.8	190.6	150.6	135.5	135.4	133.3	122.7	110.6	89.0	65.4	44.3	28.1	16.2	8.2	2,499.8
1978	175.6	191.6	211.0	241.0	230.8	223.8	202.3	159.1	136.8	137.0	133.5	127.9	111.0	92.9	68.5	46.2	28.4	16.5	8.7	2,542.3
1979	180.0	188.7	205.1	241.6	235.5	229.8	212.2	168.6	140.2	137.5	133.8	133.4	111.0	97.9	71.2	48.3	29.1	16.4	9.1	2,589.5
1980	185.8	188.8	204.9	241.7	244.2	239.5	226.9	178.4	146.0	138.4	136.3	135.4	114.6	103.6	74.9	50.6	29.9	16.8	9.4	2,666.1
1981	191.2	189.0	208.1	239.3	251.3	249.1	240.7	187.8	153.3	140.0	139.6	136.6	120.2	108.0	78.5	53.2	31.4	17.3	9.8	2,744.2
1982	195.0	189.0	207.6	233.2	251.5	254.2	242.8	203.8	159.7	141.1	140.8	136.3	125.5	110.3	81.7	55.4	32.5	17.4	9.9	2,787.5
1983	197.6	188.8	205.4	223.9	249.2	255.4	244.8	215.0	167.6	142.4	142.0	136.9	130.3	110.4	85.5	57.9	33.9	17.6	10.0	2,814.6
1984	200.7	190.9	201.3	216.8	248.6	256.5	249.2	224.1	176.0	145.4	141.6	137.1	135.4	110.1	90.2	60.1	35.6	18.0	10.2	2,847.7
1985	203.1	191.0	195.9	209.3	239.2	255.6	248.2	232.6	182.5	149.8	142.9	141.0	139.2	115.2	95.8	63.4	37.5	18.4	10.6	2,871.2
1986	205.4	194.5	192.6	209.3	230.1	254.5	252.9	242.0	187.8	153.3	140.5	140.0	136.4	117.7	98.1	65.3	39.1	19.2	10.6	2,889.2
1987	207.6	197.7	191.6	210.5	222.9	253.8	255.5	241.9	202.4	158.8	141.5	140.9	136.0	122.9	100.0	68.4	40.8	20.0	10.3	2,923.6
1988	211.1	202.1	191.7	211.3	217.9	254.6	258.1	244.5	214.1	167.1	143.1	142.5	136.9	127.7	100.5	71.9	42.7	20.9	10.1	2,968.8
1989	213.8	205.3	193.9	207.1	215.1	253.4	259.0	247.9	223.3	175.5	146.3	142.5	137.3	132.4	100.5	75.9	44.5	22.0	10.0	3,005.8
1990	216.7	208.1	196.1	202.4	216.3	249.4	260.3	250.7	234.0	182.6	150.1	142.2	138.6	132.9	103.5	80.0	46.6	23.0	10.1	3,043.5
1991	220.1	210.5	198.6	198.0	220.6	243.7	260.7	254.3	242.6	189.0	155.2	142.3	140.3	132.9	108.2	82.5	48.6	24.1	10.3	3,082.4
1992	221.7	213.4	202.2	197.3	222.7	237.9	261.0	257.4	243.0	203.6	160.8	143.4	141.2	132.6	113.0	84.1	51.0	25.2	10.5	3,122.1
1993	222.7	217.0	206.4	197.1	223.7	232.9	261.5	259.7	245.3	215.0	168.6	144.7	142.5	133.2	117.1	84.5	53.7	26.5	10.8	3,162.9
1994	223.0	220.5	210.1	199.8	220.8	231.9	261.4	261.2	249.1	224.2	176.9	147.8	142.4	133.6	121.3	84.6	56.8	27.7	11.2	3,204.3
1995	222.9	224.2	213.3	202.3	217.6	234.8	258.6	263.2	252.3	235.1	183.9	151.4	142.0	134.7	121.8	87.4	60.0	29.0	11.7	3,246.2
1996	222.4	228.5	216.2	205.3	214.8	241.0	254.1	264.3	256.3	243.8	190.3	156.4	142.1	136.3	121.8	91.5	61.8	30.4	12.2	3,289.6
1997	222.3	231.1	219.8	209.6	215.8	245.1	249.7	265.5	259.9	244.4	204.8	161.8	143.1	137.2	121.6	95.6	63.1	32.0	12.8	3,335.1
1998	222.3	233.0	223.9	214.5	217.4	248.1	246.1	266.7	262.7	247.0	216.1	169.4	144.4	138.4	122.2	99.1	63.5	33.8	13.4	3,382.1
1999	222.6	234.3	228.0	218.8	221.8	247.4	246.5	267.5	264.8	251.1	225.3	177.6	147.3	138.3	122.6	102.5	63.7	35.9	14.1	3,430.1
2000	222.9	235.0	232.3	222.7	225.8	246.1	250.8	265.6	267.2	254.5	236.1	184.4	150.8	138.0	123.7	103.0	66.1	38.0	14.9	3,477.9
2001	223.3	235.3	237.0	225.9	229.9	244.8	257.9	261.8	268.7	258.8	244.7	190.6	155.6	138.2	125.2	103.1	69.4	39.2	15.7	3,525.2
2002	223.9	235.7	239.9	229.8	235.1	247.0	262.8	258.0	270.1	262.5	245.4	204.8	160.8	139.2	126.1	103.0	72.6	40.0	16.6	3,573.4
2003	224.9	236.2	242.2	234.3	240.7	249.5	266.5	254.8	271.7	265.4	248.1	215.9	168.2	140.5	127.2	103.6	75.2	40.3	17.6	3,622.8
2004	226.2	236.9	243.8	238.8	245.9	254.9	266.4	255.5	272.7	267.6	252.2	224.9	176.1	143.3	127.2	104.0	77.7	40.6	18.7	3,673.6
2005	227.8	237.7	244.9	243.6	250.8	260.0	266.0	260.3	271.0	270.2	255.8	235.5	182.7	146.7	127.1	105.0	78.2	42.4	19.9	3,725.7
2006	229.4	238.7	245.6	248.9	255.1	265.3	265.6	268.0	267.7	272.0	260.1	244.1	188.8	151.4	127.5	106.4	78.4	44.7	20.5	3,778.1
2007	231.3	239.8	246.3	252.3	259.7	271.4	268.5	273.4	264.2	273.6	264.0	244.9	202.6	156.4	128.6	107.2	78.4	46.8	21.1	3,830.5
2008	233.5	241.0	247.1	254.8	264.7	277.7	271.6	277.4	261.2	275.3	267.0	247.7	213.5	163.5	129.9	108.3	78.8	48.5	21.4	3,883.0
2009	236.3	242.5	248.0	256.6	269.3	283.2	277.2	277.5	262.1	276.4	269.3	251.9	222.3	171.1	132.6	108.4	79.2	50.1	21.9	3,935.8
2010	239.4	244.0	248.9	257.8	274.1	288.0	282.3	277.1	266.9	274.8	272.0	255.5	232.6	177.5	135.8	108.4	80.0	50.4	23.2	3,988.7
2011	243.0	245.5	249.8	258.6	279.2	292.0	287.5	276.7	274.5	271.5	273.8	259.9	241.0	183.3	140.2	108.8	81.2	50.6	24.4	4,041.5

Sources: Forecast -Central Statistics Bureau, Forecast 10/87,
Ministry of Economic Development,
Government of British Columbia.
Estimated-Statistics Canada, 1982-85 Central Statistics Bureau.

Note: All figures are as of June.

Date: October 1987.

Table 2

British Columbia Male Population by Age
Estimated (1971-86) and Forecast (1987-2011) ('000)

Year	Age Group 0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
1976	88.6	99.2	116.2	121.0	110.3	110.5	90.3	74.1	70.7	69.2	65.2	55.5	51.9	40.7	30.4	18.5	11.1	6.2	3.1	1,232.5
1977	89.1	98.4	112.3	121.7	111.9	110.5	97.1	77.1	70.3	70.3	65.3	58.2	52.4	42.3	31.3	19.5	11.0	6.2	3.1	1,248.0
1978	90.3	98.0	107.9	122.7	114.6	112.1	102.9	81.3	70.8	71.2	66.3	60.6	52.1	43.9	32.4	20.6	10.9	6.2	3.2	1,268.0
1979	92.5	96.6	105.0	123.2	117.0	114.7	107.6	86.1	72.3	71.9	67.0	63.4	51.7	46.0	33.4	21.7	11.1	6.0	3.3	1,290.4
1980	95.4	96.6	104.9	123.4	121.5	119.1	114.8	90.9	75.1	72.2	69.0	64.4	53.2	48.4	34.8	22.8	11.5	5.9	3.3	1,327.4
1981	98.1	96.7	106.6	122.3	124.8	123.8	121.5	95.8	78.5	72.9	71.2	65.5	55.6	50.3	36.0	24.0	12.2	6.0	3.3	1,365.0
1982	99.9	96.9	106.4	119.3	125.6	125.9	122.5	103.7	81.7	73.0	72.4	65.9	58.4	50.9	37.2	24.8	12.9	5.9	3.2	1,386.6
1983	101.4	96.9	105.2	114.5	125.1	125.9	122.8	109.3	85.5	73.5	73.1	67.1	60.6	50.7	38.8	25.7	13.7	5.8	3.2	1,398.8
1984	103.0	97.9	103.2	110.9	125.2	126.4	124.8	113.4	89.6	74.7	73.2	67.7	63.3	50.2	40.8	26.5	14.4	5.9	3.1	1,414.2
1985	104.3	98.1	100.4	107.1	120.8	126.6	123.7	117.8	92.6	76.5	73.6	70.3	66.0	52.9	43.2	27.9	15.3	6.2	2.9	1,426.3
1986	105.8	99.7	98.6	107.2	115.6	125.3	125.3	121.7	95.4	78.1	72.3	70.5	64.5	53.5	44.1	28.2	15.9	6.5	3.0	1,431.2
1987	106.9	101.2	98.1	107.9	112.1	125.6	125.8	121.4	102.5	80.7	72.3	71.5	65.0	56.0	44.7	29.3	16.6	6.9	2.7	1,447.4
1988	108.6	103.6	98.4	108.0	109.9	126.5	126.8	122.3	108.3	84.7	73.0	72.2	66.3	58.3	44.5	30.8	17.2	7.3	2.5	1,469.1
1989	109.9	105.3	99.5	105.8	108.8	126.2	127.1	123.6	112.4	88.7	74.2	72.5	67.1	60.9	44.2	32.3	17.8	7.8	2.4	1,486.7
1990	111.1	106.9	100.7	103.2	109.7	124.7	127.8	124.6	117.6	92.0	75.9	72.2	68.4	61.4	45.4	34.0	18.5	8.2	2.4	1,504.7
1991	112.7	108.4	102.0	101.1	111.8	122.1	128.3	125.8	121.6	95.2	78.1	72.0	69.8	61.9	47.4	34.9	19.0	8.6	2.5	1,523.4
1992	113.6	109.8	103.8	100.8	112.9	119.5	129.2	126.7	121.6	102.3	80.8	72.1	70.8	62.4	49.7	35.3	19.8	9.0	2.6	1,542.5
1993	114.1	111.5	106.0	100.9	113.2	117.2	130.0	127.6	122.4	108.0	84.5	72.6	71.4	63.5	51.6	35.2	20.8	9.4	2.7	1,562.3
1994	114.2	113.2	107.9	102.2	111.6	117.2	130.4	128.3	124.0	112.2	88.5	73.8	71.6	64.2	53.7	35.0	21.9	9.7	2.8	1,582.5
1995	114.1	114.8	109.8	103.6	109.8	119.0	129.6	129.3	125.2	117.4	91.8	75.5	71.3	65.4	54.2	36.1	23.0	10.1	3.0	1,603.0
1996	113.9	116.9	111.5	105.1	108.5	122.2	127.7	130.3	126.7	121.6	95.0	77.6	71.1	66.7	54.8	37.8	23.6	10.4	3.2	1,624.4
1997	113.9	118.2	113.2	107.2	109.1	124.4	125.9	131.6	127.9	121.7	102.0	80.1	71.1	67.6	55.2	39.6	23.9	10.9	3.4	1,646.9
1998	113.9	119.2	115.2	109.9	110.1	125.7	124.4	132.9	129.0	122.7	107.6	83.8	71.6	68.1	56.2	41.1	23.9	11.5	3.6	1,670.4
1999	114.0	119.9	117.3	112.1	112.4	125.3	125.2	133.8	130.0	124.4	111.8	87.7	72.7	68.3	56.9	42.8	23.7	12.1	3.8	1,694.4
2000	114.2	120.3	119.2	114.3	114.6	124.6	127.7	133.5	131.4	125.8	117.0	90.9	74.3	68.0	58.0	43.2	24.6	12.7	4.0	1,718.3
2001	114.4	120.4	121.4	116.2	116.7	124.1	131.5	132.0	132.6	127.5	121.2	94.0	76.3	67.9	59.2	43.7	25.9	13.1	4.2	1,742.0
2002	114.7	120.6	123.0	118.1	119.3	125.4	134.1	130.5	134.1	128.7	121.4	100.8	78.8	67.9	60.0	44.1	27.2	13.2	4.5	1,766.3
2003	115.2	120.9	124.1	120.2	122.3	126.9	135.8	129.3	135.5	130.0	122.4	106.3	82.2	68.4	60.5	45.0	28.1	13.2	4.8	1,791.1
2004	115.9	121.2	124.9	122.5	125.0	129.7	135.8	130.3	136.5	131.0	124.2	110.4	86.0	69.6	60.7	45.6	29.3	13.1	5.1	1,816.8
2005	116.7	121.7	125.5	124.6	127.7	132.5	135.5	133.1	136.4	132.5	125.6	115.5	89.1	71.1	60.5	46.5	29.6	13.7	5.4	1,843.1
2006	117.5	122.1	125.8	127.2	130.1	135.2	135.5	137.1	135.1	133.8	127.3	119.5	92.1	73.0	60.5	47.5	30.0	14.5	5.5	1,869.5
2007	118.5	122.7	126.2	129.0	132.4	138.3	137.2	140.0	133.8	135.4	128.7	119.8	98.7	75.4	60.6	48.2	30.4	15.2	5.5	1,895.9
2008	119.6	123.3	126.6	130.3	134.8	141.6	139.0	141.9	132.8	136.9	130.0	120.9	104.0	78.6	61.1	48.7	31.0	15.8	5.5	1,922.4
2009	121.0	124.1	127.1	131.2	137.1	144.4	141.9	142.0	133.8	138.0	131.1	122.7	107.9	82.2	62.2	48.9	31.4	16.4	5.5	1,948.9
2010	122.6	124.9	127.5	131.8	139.3	147.0	144.7	141.7	136.6	137.9	132.6	124.1	112.8	85.1	63.6	48.8	32.1	16.6	5.8	1,975.4
2011	124.5	125.6	128.0	132.2	141.7	149.3	147.3	141.7	140.5	136.6	133.9	125.9	116.7	88.0	65.4	48.8	32.9	16.8	6.0	2,001.8

Sources: Forecast -Central Statistics Bureau, Forecast 10/87,
Ministry of Economic Development,
Government of British Columbia.
Estimated-Statistics Canada, 1982-85 Central Statistics Bureau.

Note: All figures are as of June.

Date: October 1987.

Table 3

British Columbia Female Population by Age
Estimated (1971-86) and Forecast (1987-2011) ('000)

Year	Age Group 0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
1976	84.6	94.8	111.7	116.9	111.2	108.4	86.6	70.6	64.5	65.4	68.9	61.6	56.8	44.2	32.6	24.3	16.6	9.6	4.8	1,234.1
1977	84.7	93.8	107.6	117.5	113.2	109.3	93.5	73.5	65.2	65.1	68.0	64.5	58.2	46.7	34.1	24.8	17.1	10.0	5.1	1,251.8
1978	85.3	93.6	103.1	118.3	116.2	111.7	99.4	77.8	66.0	65.8	67.2	67.3	58.9	49.0	36.1	25.6	17.5	10.3	5.5	1,274.3
1979	87.5	92.1	100.1	118.4	118.5	115.1	104.6	82.5	67.9	65.6	66.8	70.0	59.3	51.9	37.8	26.6	18.0	10.4	5.8	1,299.1
1980	90.4	92.2	100.0	118.3	122.7	120.4	112.1	87.5	70.9	66.2	67.3	71.0	61.4	55.2	40.1	27.8	18.4	10.9	6.1	1,338.7
1981	93.1	92.3	101.5	117.0	126.5	125.3	119.2	92.0	74.8	67.1	68.4	71.1	64.6	57.7	42.5	29.2	19.2	11.3	6.5	1,379.2
1982	95.1	92.0	101.2	113.8	125.9	128.3	120.3	100.0	78.0	68.1	68.4	70.3	67.2	59.3	44.5	30.6	19.6	11.5	6.7	1,400.9
1983	96.2	91.9	100.2	109.4	124.1	129.4	122.0	105.7	82.1	68.9	68.9	69.9	69.6	59.7	46.7	32.2	20.2	11.7	6.9	1,415.8
1984	97.7	93.0	98.2	105.8	123.5	130.1	124.4	110.7	86.3	70.7	68.4	69.4	72.1	59.9	49.4	33.6	21.2	12.1	7.1	1,433.5
1985	98.7	92.9	95.5	102.2	118.4	129.0	124.5	114.8	89.9	73.3	69.3	70.6	73.3	62.4	52.7	35.5	22.2	12.1	7.7	1,444.9
1986	99.5	94.8	94.0	102.1	114.5	129.2	127.7	120.3	92.4	75.2	68.1	69.5	71.9	64.2	54.0	37.1	23.2	12.7	7.6	1,458.0
1987	100.7	96.5	93.5	102.6	110.7	128.2	129.7	120.5	99.9	78.1	69.2	69.4	71.0	66.9	55.3	39.1	24.2	13.1	7.6	1,476.2
1988	102.6	98.5	93.3	103.3	108.0	128.1	131.3	122.2	105.9	82.4	70.2	70.3	70.6	69.4	56.0	41.1	25.5	13.6	7.6	1,499.7
1989	103.9	100.1	94.4	101.3	106.3	127.2	131.9	124.3	110.9	86.8	72.0	70.0	70.2	71.6	56.3	43.6	26.7	14.2	7.6	1,519.1
1990	105.6	101.2	95.3	99.2	106.7	124.7	132.5	126.1	116.5	90.5	74.1	70.0	70.2	71.5	58.1	46.0	28.1	14.8	7.6	1,538.8
1991	107.4	102.1	96.6	97.0	108.8	121.6	132.4	128.5	121.0	93.7	77.1	70.3	70.5	70.9	60.8	47.6	29.6	15.5	7.8	1,559.0
1992	108.2	103.6	98.5	96.5	109.8	118.4	131.8	130.7	121.4	101.3	80.0	71.3	70.5	70.2	63.4	48.7	31.2	16.2	7.9	1,579.6
1993	108.6	105.5	100.4	96.3	110.5	115.6	131.5	132.1	122.9	107.1	84.1	72.1	71.1	69.7	65.6	49.3	32.9	17.1	8.1	1,600.6
1994	108.8	107.3	102.2	97.6	109.2	114.7	131.0	133.0	125.1	112.1	88.4	73.9	70.8	69.4	67.6	49.6	34.9	17.9	8.4	1,621.8
1995	108.7	109.4	103.5	98.7	107.8	115.9	129.0	133.9	127.1	117.7	92.1	76.0	70.8	69.3	67.5	51.3	36.9	19.0	8.7	1,643.2
1996	108.5	111.6	104.7	100.2	106.3	118.8	126.4	134.0	129.6	122.3	95.2	78.8	71.1	69.6	67.0	53.7	38.2	20.0	9.0	1,665.2
1997	108.4	112.8	106.5	102.4	106.7	120.7	123.9	133.8	132.0	122.7	102.7	81.6	72.0	69.6	66.4	56.0	39.1	21.1	9.4	1,688.1
1998	108.5	113.8	108.7	104.6	107.2	122.4	121.7	133.8	133.7	124.3	108.5	85.7	72.8	70.3	66.0	58.0	39.6	22.3	9.9	1,711.8
1999	108.6	114.4	110.7	106.8	109.4	122.0	121.3	133.7	134.7	126.7	113.5	89.9	74.6	70.0	65.7	59.7	40.0	23.8	10.3	1,735.8
2000	108.7	114.8	113.1	108.4	111.2	121.5	123.1	132.1	135.8	128.7	119.0	93.5	76.5	70.0	65.7	59.8	41.5	25.2	10.9	1,759.6
2001	108.9	114.9	115.5	109.8	113.2	120.7	126.5	129.8	136.2	131.3	123.6	96.6	79.3	70.3	66.1	59.4	43.5	26.1	11.5	1,783.1
2002	109.2	115.1	117.0	111.7	115.8	121.6	128.7	127.5	136.1	133.8	124.1	103.9	82.0	71.2	66.1	58.9	45.5	26.8	12.1	1,807.1
2003	109.7	115.3	118.1	114.1	118.4	122.6	130.7	125.4	136.2	135.5	125.7	109.6	86.0	72.0	66.8	58.6	47.1	27.1	12.8	1,831.6
2004	110.4	115.7	118.9	116.3	121.0	125.2	130.6	125.3	136.2	136.6	128.0	114.5	90.1	73.7	66.5	58.4	48.5	27.5	13.7	1,856.8
2005	111.1	116.1	119.4	119.0	123.1	127.5	130.5	127.2	134.6	137.7	130.2	120.1	93.7	75.6	66.6	58.5	48.6	28.7	14.5	1,882.6
2006	111.9	116.5	119.7	121.6	125.0	130.1	130.1	130.9	132.6	138.2	132.8	124.6	96.7	78.4	67.0	58.9	48.3	30.2	15.1	1,908.5
2007	112.8	117.1	120.1	123.3	127.3	133.2	131.3	133.3	130.4	138.2	135.3	125.1	104.0	81.1	67.9	59.0	48.0	31.6	15.5	1,934.5
2008	113.9	117.7	120.5	124.6	129.9	136.1	132.6	135.5	128.5	138.4	137.1	126.8	109.5	84.9	68.7	59.6	47.8	32.7	15.9	1,960.6
2009	115.2	118.4	120.9	125.4	132.2	138.8	135.3	135.5	128.4	138.4	138.2	129.2	114.4	88.9	70.4	59.5	47.8	33.7	16.4	1,986.9
2010	116.8	119.1	121.4	126.0	134.9	140.9	137.6	135.4	130.3	136.9	139.4	131.4	119.8	92.4	72.2	59.6	47.9	33.8	17.4	2,013.3
2011	118.5	119.9	121.8	126.4	137.5	142.7	140.2	135.0	134.0	134.9	139.9	134.0	124.3	95.4	74.8	60.0	48.3	33.7	18.4	2,039.7

Sources: Forecast -Central Statistics Bureau, Forecast 10/87,
Ministry of Economic Development,
Government of British Columbia.
Estimated-Statistics Canada, 1982-85 Central Statistics Bureau.

Note: All figures are as of June.

Date: October 1987.

Table 4

British Columbia Population Sex Ratio
Estimated (1971-86) and Forcast (1987-2011)

Year	Age Group 0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
1976	104.7	104.6	104.0	103.5	99.2	101.9	104.3	105.0	109.6	105.8	94.6	90.1	91.4	92.1	93.3	76.1	66.9	64.6	64.6	99.9
1977	105.2	104.9	104.4	103.6	98.9	101.1	103.9	104.9	107.8	108.0	96.0	90.2	90.0	90.6	91.8	78.6	64.3	62.0	60.8	99.7
1978	105.9	104.7	104.7	103.7	98.6	100.4	103.5	104.5	107.3	108.2	98.7	90.0	88.5	89.6	89.8	80.5	62.3	60.2	58.2	99.5
1979	105.7	104.9	104.9	104.1	98.7	99.7	102.9	104.4	106.5	109.6	100.3	90.6	87.2	88.6	88.4	81.6	61.7	57.7	56.9	99.3
1980	105.5	104.8	104.9	104.3	99.0	98.9	102.4	103.9	105.9	109.1	102.5	90.7	86.6	87.7	86.8	82.0	62.5	54.1	54.1	99.2
1981	105.4	104.8	105.0	104.5	98.7	98.8	101.9	104.1	104.9	108.6	104.1	92.1	86.1	87.2	84.7	82.2	63.5	53.1	50.8	99.0
1982	105.1	105.3	105.1	104.8	99.8	98.2	101.8	103.7	104.7	107.2	105.8	93.7	86.9	85.9	83.7	81.3	65.6	50.9	47.1	99.0
1983	105.4	105.5	105.0	104.7	100.8	97.3	100.7	103.4	104.2	106.6	106.0	96.0	87.1	84.9	83.0	80.0	68.0	49.6	45.9	98.8
1984	105.4	105.3	105.1	104.8	101.4	97.1	100.3	102.5	103.8	105.7	107.0	97.6	87.8	83.9	82.4	78.8	67.7	49.2	43.9	98.7
1985	105.7	105.5	105.1	104.9	102.1	98.2	99.4	102.6	103.0	104.3	106.1	99.6	90.0	84.7	82.0	78.7	68.9	51.4	38.1	98.7
1986	106.3	105.1	104.8	105.0	100.9	97.0	98.1	101.1	103.3	103.8	106.2	101.5	89.8	83.4	81.6	76.2	68.6	51.3	39.4	98.2
1987	106.2	105.0	105.0	105.1	101.3	98.0	97.0	100.7	102.5	103.4	104.5	102.9	91.5	83.7	80.7	75.0	68.7	52.8	36.2	98.0
1988	105.8	105.2	105.4	104.6	101.7	98.7	96.6	100.1	102.3	102.7	104.0	102.8	93.9	84.0	79.6	74.9	67.6	54.2	33.7	98.0
1989	105.8	105.2	105.4	104.4	102.4	99.3	96.4	99.5	101.4	102.3	103.1	103.7	95.5	85.0	78.4	74.1	66.8	55.0	32.0	97.9
1990	105.2	105.7	105.6	104.0	102.8	100.1	96.4	98.8	100.9	101.6	102.4	103.2	97.5	85.8	78.1	73.7	65.7	55.7	32.0	97.8
1991	105.0	106.1	105.5	104.2	102.8	100.4	96.9	98.0	100.5	101.6	101.3	102.5	99.0	87.3	78.1	73.3	64.3	55.8	32.0	97.7
1992	105.0	106.0	105.4	104.4	102.9	100.9	98.0	97.0	100.2	101.1	100.9	101.0	100.4	88.9	78.4	72.5	63.5	55.8	32.4	97.7
1993	105.0	105.6	105.6	104.8	102.4	101.4	98.8	96.6	99.6	100.9	100.5	100.6	100.3	91.2	78.6	71.4	63.3	54.8	33.0	97.6
1994	105.0	105.6	105.6	104.8	102.3	102.2	99.5	96.5	99.1	100.1	100.2	99.9	101.1	92.6	79.6	70.4	62.7	54.1	33.5	97.6
1995	105.0	105.0	106.1	105.0	101.8	102.7	100.5	96.6	98.5	99.8	99.7	99.3	100.7	94.4	80.3	70.3	62.4	53.2	34.6	97.6
1996	105.0	104.8	106.4	104.9	102.1	102.8	101.0	97.2	97.8	99.4	99.7	98.4	100.0	95.8	81.7	70.3	61.9	52.1	35.3	97.6
1997	105.0	104.8	106.3	104.7	102.3	103.0	101.6	98.4	96.8	99.2	99.3	98.1	98.6	97.1	83.2	70.7	61.2	51.4	36.2	97.6
1998	105.0	104.8	105.9	105.0	102.7	102.7	102.3	99.3	96.5	98.7	99.2	97.8	98.3	96.9	85.2	70.8	60.2	51.3	36.4	97.6
1999	105.0	104.8	105.9	105.0	102.8	102.7	103.2	100.1	96.5	98.3	98.6	97.6	97.6	97.7	86.5	71.6	59.4	50.7	36.7	97.6
2000	105.0	104.8	105.3	105.4	103.1	102.5	103.8	101.1	96.7	97.7	98.3	97.2	97.1	97.3	88.2	72.3	59.4	50.5	37.1	97.7
2001	105.0	104.8	105.1	105.8	103.1	102.8	103.9	101.7	97.4	97.1	98.0	97.3	96.2	96.6	89.5	73.6	59.4	50.0	37.0	97.7
2002	105.0	104.8	105.1	105.7	103.0	103.1	104.2	102.4	98.5	96.2	97.8	97.0	96.0	95.4	90.7	75.0	59.7	49.4	37.2	97.7
2003	105.0	104.8	105.1	105.3	103.3	103.5	103.9	103.1	99.5	95.9	97.4	97.0	95.7	95.0	90.6	76.8	59.8	48.6	37.4	97.8
2004	105.0	104.8	105.1	105.3	103.3	103.6	104.0	104.0	100.3	96.0	97.0	96.4	95.5	94.4	91.2	78.0	60.4	47.8	37.2	97.8
2005	105.0	104.8	105.1	104.8	103.7	103.9	103.9	104.6	101.3	96.2	96.5	96.2	95.1	93.9	90.9	79.5	61.0	47.9	37.0	97.9
2006	105.0	104.8	105.1	104.6	104.1	103.9	104.2	104.8	101.9	96.8	95.9	95.9	95.2	93.1	90.3	80.7	62.1	47.9	36.3	98.0
2007	105.0	104.8	105.1	104.6	104.0	103.8	104.5	105.0	102.6	98.0	95.1	95.7	94.9	92.9	89.2	81.7	63.3	48.2	35.5	98.0
2008	105.0	104.8	105.1	104.6	103.7	104.1	104.9	104.8	103.3	98.9	94.8	95.3	94.9	92.6	88.9	81.6	64.8	48.2	34.5	98.0
2009	105.0	104.8	105.1	104.6	103.7	104.0	104.9	104.8	104.2	99.7	94.8	95.0	94.4	92.5	88.4	82.2	65.7	48.6	33.4	98.1
2010	105.0	104.8	105.1	104.6	103.3	104.4	105.1	104.7	104.8	100.7	95.1	94.5	94.1	92.1	88.0	81.9	67.0	49.1	33.1	98.1
2011	105.0	104.8	105.1	104.6	103.1	104.6	105.0	105.0	104.9	101.3	95.7	93.9	93.9	92.3	87.4	81.4	68.0	50.0	32.6	98.1

Sources: Forecast -Central Statistics Bureau, Forecast 10/87,
Ministry of Economic Development,
Government of British Columbia.
Estimated-Statistics Canada, 1982-85 Central Statistics Bureau.

Note: Population figures are as of June.
Sex ratio is defined as the number of males per 100 females.

Date: October 1987.

Table 5

British Columbia Population Distribution by Age
Estimated (1971-86) and Forecast (1987-2011) (%)

Year	Age Group 0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
1976	7.0	7.9	9.2	9.6	9.0	8.9	7.2	5.9	5.5	5.5	5.4	4.7	4.4	3.4	2.6	1.7	1.1	0.6	0.3	100.0
1977	7.0	7.7	8.8	9.6	9.0	8.8	7.6	6.0	5.4	5.4	5.3	4.9	4.4	3.6	2.6	1.8	1.1	0.6	0.3	100.0
1978	6.9	7.5	8.3	9.5	9.1	8.8	8.0	6.3	5.4	5.4	5.3	5.0	4.4	3.7	2.7	1.8	1.1	0.6	0.3	100.0
1979	7.0	7.3	7.9	9.3	9.1	8.9	8.2	6.5	5.4	5.3	5.2	5.2	4.3	3.8	2.7	1.9	1.1	0.6	0.4	100.0
1980	7.0	7.1	7.7	9.1	9.2	9.0	8.5	6.7	5.5	5.2	5.1	5.1	4.3	3.9	2.8	1.9	1.1	0.6	0.4	100.0
1981	7.0	6.9	7.6	8.7	9.2	9.1	8.8	6.8	5.6	5.1	5.1	5.0	4.4	3.9	2.9	1.9	1.1	0.6	0.4	100.0
1982	7.0	6.8	7.4	8.4	9.0	9.1	8.7	7.3	5.7	5.1	5.1	4.9	4.5	4.0	2.9	2.0	1.2	0.6	0.4	100.0
1983	7.0	6.7	7.3	8.0	8.9	9.1	8.7	7.6	6.0	5.1	5.0	4.9	4.6	3.9	3.0	2.1	1.2	0.6	0.4	100.0
1984	7.0	6.7	7.1	7.6	8.7	9.0	8.8	7.9	6.2	5.1	5.0	4.8	4.8	3.9	3.2	2.1	1.3	0.6	0.4	100.0
1985	7.1	6.7	6.8	7.3	8.3	8.9	8.6	8.1	6.4	5.2	5.0	4.9	4.8	4.0	3.3	2.2	1.3	0.6	0.4	100.0
1986	7.1	6.7	6.7	7.2	8.0	8.8	8.8	8.4	6.5	5.3	4.9	4.8	4.7	4.1	3.4	2.3	1.4	0.7	0.4	100.0
1987	7.1	6.8	6.6	7.2	7.6	8.7	8.7	8.3	6.9	5.4	4.8	4.8	4.7	4.2	3.4	2.3	1.4	0.7	0.4	100.0
1988	7.1	6.8	6.5	7.1	7.3	8.6	8.7	8.2	7.2	5.6	4.8	4.8	4.6	4.3	3.4	2.4	1.4	0.7	0.3	100.0
1989	7.1	6.8	6.5	6.9	7.2	8.4	8.6	8.2	7.4	5.8	4.9	4.7	4.6	4.4	3.3	2.5	1.5	0.7	0.3	100.0
1990	7.1	6.8	6.4	6.7	7.1	8.2	8.6	8.2	7.7	6.0	4.9	4.7	4.6	4.4	3.4	2.6	1.5	0.8	0.3	100.0
1991	7.1	6.8	6.4	6.4	7.2	7.9	8.5	8.3	7.9	6.1	5.0	4.6	4.6	4.3	3.5	2.7	1.6	0.8	0.3	100.0
1992	7.1	6.8	6.5	6.3	7.1	7.6	8.4	8.2	7.8	6.5	5.1	4.6	4.5	4.2	3.6	2.7	1.6	0.8	0.3	100.0
1993	7.0	6.9	6.5	6.2	7.1	7.4	8.3	8.2	7.8	6.8	5.3	4.6	4.5	4.2	3.7	2.7	1.7	0.8	0.3	100.0
1994	7.0	6.9	6.6	6.2	6.9	7.2	8.2	8.2	7.8	7.0	5.5	4.6	4.4	4.2	3.8	2.6	1.8	0.9	0.3	100.0
1995	6.9	6.9	6.6	6.2	6.7	7.2	8.0	8.1	7.8	7.2	5.7	4.7	4.4	4.1	3.8	2.7	1.8	0.9	0.4	100.0
1996	6.8	6.9	6.6	6.2	6.5	7.3	7.7	8.0	7.8	7.4	5.8	4.8	4.3	4.1	3.7	2.8	1.9	0.9	0.4	100.0
1997	6.7	6.9	6.6	6.3	6.5	7.3	7.5	8.0	7.8	7.3	6.1	4.9	4.3	4.1	3.6	2.9	1.9	1.0	0.4	100.0
1998	6.6	6.9	6.6	6.3	6.4	7.3	7.3	7.9	7.8	7.3	6.4	5.0	4.3	4.1	3.6	2.9	1.9	1.0	0.4	100.0
1999	6.5	6.8	6.6	6.4	6.5	7.2	7.2	7.8	7.7	7.3	6.6	5.2	4.3	4.0	3.6	3.0	1.9	1.0	0.4	100.0
2000	6.4	6.8	6.7	6.4	6.5	7.1	7.2	7.6	7.7	7.3	6.8	5.3	4.3	4.0	3.6	3.0	1.9	1.1	0.4	100.0
2001	6.3	6.7	6.7	6.4	6.5	6.9	7.3	7.4	7.6	7.3	6.9	5.4	4.4	3.9	3.6	2.9	2.0	1.1	0.4	100.0
2002	6.3	6.6	6.7	6.4	6.6	6.9	7.4	7.2	7.6	7.3	6.9	5.7	4.5	3.9	3.5	2.9	2.0	1.1	0.5	100.0
2003	6.2	6.5	6.7	6.5	6.6	6.9	7.4	7.0	7.5	7.3	6.8	6.0	4.6	3.9	3.5	2.9	2.1	1.1	0.5	100.0
2004	6.2	6.4	6.6	6.5	6.7	6.9	7.3	7.0	7.4	7.3	6.9	6.1	4.8	3.9	3.5	2.8	2.1	1.1	0.5	100.0
2005	6.1	6.4	6.6	6.5	6.7	7.0	7.1	7.0	7.3	7.3	6.9	6.3	4.9	3.9	3.4	2.8	2.1	1.1	0.5	100.0
2006	6.1	6.3	6.5	6.6	6.8	7.0	7.0	7.1	7.1	7.2	6.9	6.5	5.0	4.0	3.4	2.8	2.1	1.2	0.5	100.0
2007	6.0	6.3	6.4	6.6	6.8	7.1	7.0	7.1	6.9	7.1	6.9	6.4	5.3	4.1	3.4	2.8	2.0	1.2	0.5	100.0
2008	6.0	6.2	6.4	6.6	6.8	7.2	7.0	7.1	6.7	7.1	6.9	6.4	5.5	4.2	3.3	2.8	2.0	1.2	0.6	100.0
2009	6.0	6.2	6.3	6.5	6.8	7.2	7.0	7.1	6.7	7.0	6.8	6.4	5.6	4.3	3.4	2.8	2.0	1.3	0.6	100.0
2010	6.0	6.1	6.2	6.5	6.9	7.2	7.1	6.9	6.7	6.9	6.8	6.4	5.8	4.4	3.4	2.7	2.0	1.3	0.6	100.0
2011	6.0	6.1	6.2	6.4	6.9	7.2	7.1	6.8	6.8	6.7	6.8	6.4	6.0	4.5	3.5	2.7	2.0	1.3	0.6	100.0

Sources: Forecast -Central Statistics Bureau, Forecast 10/87,
Ministry of Economic Development,
Government of British Columbia.
Estimated-Statistics Canada, 1982-85 Central Statistics Bureau.

Note: Population figures are as of June.

Date: October 1987.

Table 6

British Columbia Male Population Distribution by Age
Estimated (1971-86) and Forecast (1987-2011) (%)

Year	Age Group 0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
1976	7.2	8.0	9.4	9.8	8.9	9.0	7.3	6.0	5.7	5.6	5.3	4.5	4.2	3.3	2.5	1.5	0.9	0.5	0.3	100.0
1977	7.1	7.9	9.0	9.8	9.0	8.9	7.8	6.2	5.6	5.6	5.2	4.7	4.2	3.4	2.5	1.6	0.9	0.5	0.2	100.0
1978	7.1	7.7	8.5	9.7	9.0	8.8	8.1	6.4	5.6	5.6	5.2	4.8	4.1	3.5	2.6	1.6	0.9	0.5	0.3	100.0
1979	7.2	7.5	8.1	9.5	9.1	8.9	8.3	6.7	5.6	5.6	5.2	4.9	4.0	3.6	2.6	1.7	0.9	0.5	0.3	100.0
1980	7.2	7.3	7.9	9.3	9.2	9.0	8.6	6.8	5.7	5.4	5.2	4.9	4.0	3.6	2.6	1.7	0.9	0.4	0.2	100.0
1981	7.2	7.1	7.8	9.0	9.1	9.1	8.9	7.0	5.8	5.3	5.2	4.8	4.1	3.7	2.6	1.8	0.9	0.4	0.2	100.0
1982	7.2	7.0	7.7	8.6	9.1	9.1	8.8	7.5	5.9	5.3	5.2	4.8	4.2	3.7	2.7	1.8	0.9	0.4	0.2	100.0
1983	7.2	6.9	7.5	8.2	8.9	9.0	8.8	7.8	6.1	5.3	5.2	4.8	4.3	3.6	2.8	1.8	1.0	0.4	0.2	100.0
1984	7.3	6.9	7.3	7.8	8.9	8.9	8.8	8.0	6.3	5.3	5.2	4.8	4.5	3.6	2.9	1.9	1.0	0.4	0.2	100.0
1985	7.3	6.9	7.0	7.5	8.5	8.9	8.7	8.3	6.5	5.4	5.2	4.9	4.6	3.7	3.0	2.0	1.1	0.4	0.2	100.0
1986	7.4	7.0	6.9	7.5	8.1	8.8	8.8	8.5	6.7	5.5	5.1	4.9	4.5	3.7	3.1	2.0	1.1	0.5	0.2	100.0
1987	7.4	7.0	6.8	7.5	7.7	8.7	8.7	8.4	7.1	5.6	5.0	4.9	4.5	3.9	3.1	2.0	1.1	0.5	0.2	100.0
1988	7.4	7.1	6.7	7.4	7.5	8.6	8.6	8.3	7.4	5.8	5.0	4.9	4.5	4.0	3.0	2.1	1.2	0.5	0.2	100.0
1989	7.4	7.1	6.7	7.1	7.3	8.5	8.6	8.3	7.6	6.0	5.0	4.9	4.5	4.1	3.0	2.2	1.2	0.5	0.2	100.0
1990	7.4	7.1	6.7	6.9	7.3	8.3	8.5	8.3	7.8	6.1	5.0	4.8	4.5	4.1	3.0	2.3	1.2	0.5	0.2	100.0
1991	7.4	7.1	6.7	6.6	7.3	8.0	8.4	8.3	8.0	6.3	5.1	4.7	4.6	4.1	3.1	2.3	1.2	0.6	0.2	100.0
1992	7.4	7.1	6.7	6.5	7.3	7.7	8.4	8.2	7.9	6.6	5.2	4.7	4.6	4.0	3.2	2.3	1.3	0.6	0.2	100.0
1993	7.3	7.1	6.8	6.5	7.2	7.5	8.3	8.2	7.8	6.9	5.4	4.6	4.6	4.1	3.3	2.3	1.3	0.6	0.2	100.0
1994	7.2	7.2	6.8	6.5	7.1	7.4	8.2	8.1	7.8	7.1	5.6	4.7	4.5	4.1	3.4	2.2	1.4	0.6	0.2	100.0
1995	7.1	7.2	6.8	6.5	6.9	7.4	8.1	8.1	7.8	7.3	5.7	4.7	4.4	4.1	3.4	2.3	1.4	0.6	0.2	100.0
1996	7.0	7.2	6.9	6.5	6.7	7.5	7.9	8.0	7.8	7.5	5.8	4.8	4.4	4.1	3.4	2.3	1.5	0.6	0.2	100.0
1997	6.9	7.2	6.9	6.5	6.6	7.6	7.6	8.0	7.8	7.4	6.2	4.9	4.3	4.1	3.4	2.4	1.5	0.7	0.2	100.0
1998	6.8	7.1	6.9	6.6	6.6	7.5	7.4	8.0	7.7	7.3	6.4	5.0	4.3	4.1	3.4	2.5	1.4	0.7	0.2	100.0
1999	6.7	7.1	6.9	6.6	6.6	7.4	7.4	7.9	7.7	7.3	6.6	5.2	4.3	4.0	3.4	2.5	1.4	0.7	0.2	100.0
2000	6.6	7.0	6.9	6.7	6.7	7.2	7.4	7.8	7.6	7.3	6.8	5.3	4.3	4.0	3.4	2.5	1.4	0.7	0.2	100.0
2001	6.6	6.9	7.0	6.7	6.7	7.1	7.5	7.6	7.6	7.3	7.0	5.4	4.4	3.9	3.4	2.5	1.5	0.7	0.2	100.0
2002	6.5	6.8	7.0	6.7	6.8	7.1	7.6	7.4	7.6	7.3	6.9	5.7	4.5	3.8	3.4	2.5	1.5	0.7	0.3	100.0
2003	6.4	6.7	6.9	6.7	6.8	7.1	7.6	7.2	7.6	7.3	6.8	5.9	4.6	3.8	3.4	2.5	1.6	0.7	0.3	100.0
2004	6.4	6.7	6.9	6.7	6.9	7.1	7.5	7.2	7.5	7.2	6.8	6.1	4.7	3.8	3.3	2.5	1.6	0.7	0.3	100.0
2005	6.3	6.6	6.8	6.8	6.9	7.2	7.4	7.2	7.4	7.2	6.8	6.3	4.8	3.9	3.3	2.5	1.6	0.7	0.3	100.0
2006	6.3	6.5	6.7	6.8	7.0	7.2	7.3	7.3	7.2	7.2	6.8	6.4	4.9	3.9	3.2	2.5	1.6	0.8	0.3	100.0
2007	6.2	6.5	6.7	6.8	7.0	7.3	7.2	7.4	7.1	7.1	6.8	6.3	5.2	4.0	3.2	2.5	1.6	0.8	0.3	100.0
2008	6.2	6.4	6.6	6.8	7.0	7.4	7.2	7.4	6.9	7.1	6.8	6.3	5.4	4.1	3.2	2.5	1.6	0.8	0.3	100.0
2009	6.2	6.4	6.5	6.7	7.0	7.4	7.3	7.3	6.9	7.1	6.7	6.3	5.5	4.2	3.2	2.5	1.6	0.8	0.3	100.0
2010	6.2	6.3	6.5	6.7	7.0	7.4	7.3	7.2	6.9	7.0	6.7	6.3	5.7	4.3	3.2	2.5	1.6	0.8	0.3	100.0
2011	6.2	6.3	6.4	6.6	7.1	7.5	7.4	7.1	7.0	6.8	6.7	6.3	5.8	4.4	3.3	2.4	1.6	0.8	0.3	100.0

Sources: Forecast - Central Statistics Bureau, Forecast 10/87,
Ministry of Economic Development,
Government of British Columbia.
Estimated - Statistics Canada, 1982-85 Central Statistics Bureau.

Note: Population figures are as of June.

Date: October 1987.

Table 7

British Columbia Female Population Distribution by Age
Estimated (1971-86) and Forecast (1987-2011) (%)

Year	Age Group 0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+	Total
1976	6.9	7.7	9.1	9.5	9.0	8.8	7.0	5.7	5.2	5.3	5.6	5.0	4.6	3.6	2.6	2.0	1.3	0.8	0.4	100.0
1977	6.8	7.5	8.6	9.4	9.0	8.7	7.5	5.9	5.2	5.2	5.4	5.2	4.6	3.7	2.7	2.0	1.4	0.8	0.4	100.0
1978	6.7	7.3	8.1	9.3	9.1	8.8	7.8	6.1	5.2	5.2	5.3	5.3	4.6	3.8	2.8	2.0	1.4	0.8	0.4	100.0
1979	6.7	7.1	7.7	9.1	9.1	8.9	8.1	6.4	5.2	5.0	5.1	5.4	4.6	4.0	2.9	2.0	1.4	0.8	0.4	100.0
1980	6.8	6.9	7.5	8.8	9.2	9.0	8.4	6.5	5.3	4.9	5.0	5.3	4.6	4.1	3.0	2.1	1.4	0.8	0.5	100.0
1981	6.8	6.7	7.4	8.5	9.2	9.1	8.6	6.7	5.4	4.9	5.0	5.2	4.7	4.2	3.1	2.1	1.4	0.8	0.5	100.0
1982	6.8	6.6	7.2	8.1	9.0	9.2	8.6	7.1	5.6	4.9	4.9	5.0	4.8	4.2	3.2	2.2	1.4	0.8	0.5	100.0
1983	6.8	6.5	7.1	7.7	8.8	9.1	8.6	7.5	5.8	4.9	4.9	4.9	4.9	4.2	3.3	2.3	1.4	0.8	0.5	100.0
1984	6.8	6.5	6.8	7.4	8.6	9.1	8.7	7.7	6.0	4.9	4.8	4.8	5.0	4.2	3.4	2.3	1.5	0.8	0.5	100.0
1985	6.8	6.4	6.6	7.1	8.2	8.9	8.6	7.9	6.2	5.1	4.8	4.9	5.1	4.3	3.6	2.5	1.5	0.8	0.5	100.0
1986	6.8	6.5	6.4	7.0	7.9	8.9	8.8	8.3	6.3	5.2	4.7	4.8	4.9	4.4	3.7	2.5	1.6	0.9	0.5	100.0
1987	6.8	6.5	6.3	6.9	7.5	8.7	8.8	8.2	6.8	5.3	4.7	4.7	4.8	4.5	3.7	2.7	1.7	0.9	0.5	100.0
1988	6.8	6.6	6.2	6.9	7.2	8.5	8.7	8.1	7.0	5.5	4.7	4.7	4.7	4.6	3.7	2.8	1.7	0.9	0.6	100.0
1989	6.8	6.6	6.2	6.7	7.0	8.4	8.7	8.2	7.3	5.7	4.7	4.6	4.6	4.7	3.7	2.9	1.8	1.0	0.6	100.0
1990	6.8	6.6	6.2	6.4	6.9	8.1	8.6	8.2	7.5	5.9	4.8	4.5	4.5	4.6	3.8	3.0	1.9	1.0	0.6	100.0
1991	6.9	6.5	6.2	6.2	7.0	7.8	8.5	8.2	7.7	6.0	4.9	4.5	4.5	4.5	3.9	3.1	2.0	1.1	0.7	100.0
1992	6.8	6.5	6.2	6.1	6.9	7.5	8.3	8.2	7.7	6.4	5.0	4.5	4.4	4.4	4.0	3.1	2.0	1.1	0.7	100.0
1993	6.8	6.6	6.2	6.0	6.9	7.2	8.2	8.2	7.6	6.7	5.2	4.5	4.4	4.3	4.1	3.1	2.1	1.2	0.7	100.0
1994	6.7	6.6	6.3	6.0	6.7	7.0	8.0	8.2	7.7	6.9	5.4	4.5	4.3	4.3	4.2	3.1	2.2	1.2	0.8	100.0
1995	6.6	6.6	6.3	6.0	6.5	7.0	7.8	8.1	7.7	7.1	5.6	4.6	4.3	4.2	4.1	3.2	2.3	1.3	0.8	100.0
1996	6.5	6.7	6.3	6.0	6.3	7.1	7.5	8.0	7.7	7.3	5.7	4.7	4.2	4.2	4.0	3.3	2.4	1.3	0.8	100.0
1997	6.4	6.6	6.3	6.0	6.3	7.1	7.3	7.9	7.8	7.2	6.0	4.8	4.2	4.1	3.9	3.3	2.4	1.4	0.9	100.0
1998	6.3	6.6	6.3	6.1	6.2	7.1	7.1	7.8	7.8	7.2	6.3	5.0	4.2	4.1	3.8	3.4	2.4	1.4	0.9	100.0
1999	6.2	6.5	6.3	6.1	6.3	7.0	6.9	7.7	7.7	7.2	6.5	5.1	4.3	4.0	3.8	3.5	2.4	1.5	1.0	100.0
2000	6.1	6.5	6.4	6.1	6.3	6.9	6.9	7.5	7.7	7.3	6.7	5.3	4.3	3.9	3.7	3.4	2.4	1.6	1.0	100.0
2001	6.1	6.4	6.4	6.1	6.3	6.7	7.0	7.2	7.6	7.3	6.9	5.4	4.4	3.9	3.7	3.4	2.5	1.6	1.1	100.0
2002	6.0	6.3	6.4	6.1	6.4	6.7	7.1	7.0	7.5	7.3	6.8	5.7	4.5	3.9	3.6	3.3	2.6	1.6	1.1	100.0
2003	5.9	6.2	6.4	6.2	6.4	6.6	7.1	6.8	7.4	7.3	6.8	5.9	4.7	3.9	3.6	3.2	2.7	1.6	1.2	100.0
2004	5.9	6.2	6.3	6.2	6.5	6.7	7.0	6.7	7.3	7.3	6.8	6.1	4.8	3.9	3.6	3.2	2.7	1.6	1.2	100.0
2005	5.8	6.1	6.3	6.3	6.5	6.7	6.9	6.7	7.1	7.3	6.9	6.3	4.9	4.0	3.5	3.1	2.7	1.7	1.3	100.0
2006	5.8	6.1	6.2	6.3	6.5	6.8	6.8	6.8	6.9	7.2	6.9	6.5	5.0	4.1	3.5	3.1	2.6	1.8	1.4	100.0
2007	5.8	6.0	6.2	6.3	6.5	6.8	6.7	6.8	6.7	7.1	6.9	6.4	5.3	4.2	3.5	3.1	2.6	1.8	1.4	100.0
2008	5.8	5.9	6.1	6.3	6.6	6.9	6.7	6.8	6.5	7.0	6.9	6.4	5.5	4.3	3.5	3.1	2.5	1.8	1.4	100.0
2009	5.7	5.9	6.0	6.3	6.6	6.9	6.7	6.8	6.4	6.9	6.9	6.4	5.7	4.4	3.5	3.0	2.5	1.9	1.5	100.0
2010	5.7	5.9	6.0	6.2	6.6	6.9	6.8	6.7	6.4	6.7	6.9	6.5	5.9	4.5	3.6	3.0	2.5	1.9	1.5	100.0
2011	5.8	5.8	5.9	6.1	6.7	6.9	6.8	6.5	6.5	6.5	6.8	6.5	6.0	4.6	3.6	2.9	2.4	1.8	1.6	100.0

Sources: Forecast -Central Statistics Bureau, Forecast 10/87,
Ministry of Economic Development,
Government of British Columbia.
Estimated-Statistics Canada, 1982-85 Central Statistics Bureau.

Note: Population figures are as of June.

Date: October 1987.

Table 8

British Columbia Population Forecast 10/87
--Summary Statistics--

Year	Total Population (000')	Median Age	Sex Ratio	Median Age at Death	TFR	Child Dependency	Elderly Dependency	Total Dependency
1962	1,660.0	29.6	103.5	72.9	3,740	0.535	0.173	0.708
1963	1,699.0	29.3	103.5	72.9	3,670	0.534	0.170	0.704
1964	1,745.0	29.0	102.9	73.7	3,433	0.527	0.167	0.694
1965	1,797.0	28.6	102.7	73.3	3,104	0.520	0.163	0.682
1966	1,873.7	28.2	102.5	73.8	2,778	0.512	0.160	0.672
1967	1,945.0	28.0	102.3	73.0	2,584	0.499	0.155	0.654
1968	2,003.0	27.9	102.0	73.2	2,447	0.485	0.152	0.638
1969	2,060.0	27.9	101.6	73.4	2,436	0.473	0.151	0.624
1970	2,128.0	27.8	101.4	72.5	2,380	0.461	0.150	0.610
1971	2,184.6	28.0	101.5	72.5	2,285	0.445	0.150	0.595
1972	2,241.4	28.1	101.1	72.8	2,045	0.430	0.149	0.579
1973	2,302.4	28.3	100.8	72.4	1,954	0.414	0.148	0.562
1974	2,375.7	28.4	100.6	72.0	1,845	0.397	0.147	0.544
1975	2,433.2	28.7	100.3	72.1	1,830	0.381	0.147	0.528
1976	2,466.6	29.1	99.9	72.6	1,759	0.365	0.149	0.514
1977	2,499.4	29.5	99.7	72.2	1,717	0.352	0.151	0.503
1978	2,542.3	30.0	99.6	72.5	1,697	0.339	0.153	0.493
1979	2,589.4	30.3	99.3	72.5	1,704	0.329	0.156	0.485
1980	2,666.0	30.6	99.1	72.8	1,682	0.322	0.158	0.480
1981	2,744.2	30.9	99.0	73.0	1,688	0.317	0.160	0.477
1982	2,787.5	31.3	99.0	73.5	1,738	0.313	0.163	0.476
1983	2,814.6	31.7	98.8	73.9	1,701	0.310	0.165	0.476
1984	2,847.7	32.1	98.7	74.1	1,728	0.307	0.168	0.475
1985	2,871.2	32.8	98.7	74.5	1,732	0.304	0.176	0.480
1986	2,889.2	33.1	98.2	75.0	1,736	0.304	0.180	0.484
1987	2,923.6	33.5	98.0	75.8	1,785	0.304	0.184	0.488
1988	2,968.8	33.8	98.0	75.9	1,804	0.304	0.188	0.492
1989	3,005.8	34.1	97.9	76.1	1,833	0.305	0.192	0.497
1990	3,043.5	34.5	97.8	76.3	1,854	0.306	0.195	0.502
1991	3,082.4	34.8	97.7	76.5	1,878	0.307	0.199	0.506
1992	3,122.1	35.1	97.7	76.7	1,881	0.308	0.201	0.509
1993	3,162.9	35.4	97.6	76.9	1,881	0.309	0.204	0.513
1994	3,204.3	35.7	97.6	77.1	1,875	0.309	0.206	0.515
1995	3,246.2	35.9	97.6	77.2	1,866	0.308	0.208	0.516
1996	3,289.6	36.2	97.6	77.3	1,863	0.308	0.209	0.517
1997	3,335.1	36.4	97.6	77.5	1,858	0.306	0.210	0.516
1998	3,382.1	36.6	97.6	77.8	1,851	0.304	0.211	0.515
1999	3,430.1	36.8	97.6	78.0	1,840	0.302	0.210	0.512
2000	3,477.9	37.0	97.7	78.2	1,828	0.300	0.210	0.510
2001	3,525.2	37.2	97.7	78.4	1,812	0.297	0.210	0.507
2002	3,573.4	37.3	97.7	78.6	1,803	0.294	0.209	0.504
2003	3,622.8	37.4	97.8	78.8	1,790	0.291	0.209	0.500
2004	3,673.6	37.4	97.8	79.0	1,781	0.288	0.208	0.496
2005	3,725.7	37.4	97.9	79.1	1,766	0.285	0.208	0.493
2006	3,778.1	37.5	98.0	79.2	1,745	0.281	0.209	0.490
2007	3,830.5	37.6	98.0	79.3	1,742	0.279	0.209	0.488
2008	3,883.0	37.7	98.0	79.4	1,739	0.276	0.211	0.487
2009	3,935.8	37.9	98.1	79.4	1,741	0.275	0.213	0.488
2010	3,988.7	37.9	98.1	79.5	1,742	0.273	0.215	0.488
2011	4,041.5	38.0	98.1	79.6	1,742	0.272	0.217	0.489

Sources: Forecast - Central Statistics Bureau, Forecast 10/87,
Ministry of Economic Development,
Government of British Columbia.
Estimated - Statistics Canada, 1982-85 Central Statistics Bureau.

Note: Population figures are as of June.
Child Dependency = Pop(0-14)/Pop(15-64)
Elderly Dependency = Pop(65+)/Pop(15-64)
TFR = Number of births per 1000 women aged 15-49
Sex Ratio = Number of males per 100 females

Date: October 1987.

Table 9

British Columbia Population Forecast 10/87
--Components of Change ('000)--

Year	Migration							Vital Events				
	Interprovincial			International			Total Net	Births	Deaths	Natural Increase	Total Change	Percent Growth
	In	Out	Net	In	Out	Net						
1961-62	38.5	36.3	2.2	7.2	6.7	0.5	2.7	37.8	14.8	23.0	25.7	1.9
1962-63	44.2	35.9	8.3	8.0	7.1	0.9	9.2	37.6	14.7	23.0	32.1	2.3
1963-64	49.9	35.6	14.3	10.3	7.8	2.5	16.8	36.3	15.6	20.8	37.6	2.7
1964-65	57.0	37.7	19.2	13.9	8.7	5.2	24.5	34.3	15.5	18.8	43.3	3.0
1965-66	72.8	39.1	33.8	21.4	8.8	12.6	46.3	32.6	16.3	16.2	62.6	4.3
1966-67	77.2	47.4	29.7	26.1	7.3	18.8	48.5	32.3	15.8	16.5	65.1	3.8
1967-68	67.4	50.6	16.9	25.2	7.9	17.3	34.1	32.6	16.6	16.0	50.1	3.0
1968-69	64.2	44.0	20.2	21.7	7.3	14.4	34.6	34.3	17.2	17.0	51.6	2.8
1969-70	77.0	49.0	28.0	22.7	7.7	15.0	43.0	35.5	16.8	18.6	61.6	3.3
1970-71	71.1	51.0	20.1	20.7	7.9	12.8	33.0	36.3	17.5	18.8	51.8	2.7
1971-72	75.2	48.2	27.0	18.5	9.6	8.9	35.9	34.3	17.7	16.6	52.5	2.6
1972-73	77.8	50.5	27.3	21.9	9.0	12.9	40.3	34.5	18.0	16.5	56.8	2.7
1973-74	88.1	57.7	30.5	32.1	12.2	19.9	50.4	34.4	18.6	15.8	66.2	3.2
1974-75	77.7	65.9	11.8	34.1	11.5	22.6	34.4	36.0	19.4	16.6	51.1	2.4
1975-76	58.3	62.7	-4.4	25.2	9.5	15.7	11.3	36.1	19.0	17.1	28.4	1.4
1976-77	58.2	53.2	5.0	17.2	8.2	9.0	14.0	36.1	18.3	17.8	31.8	1.3
1977-78	63.4	45.8	17.6	14.6	7.8	6.8	24.4	36.5	18.7	17.8	42.2	1.7
1978-79	67.5	45.5	22.0	12.1	7.2	4.9	27.0	37.8	19.0	18.8	45.7	1.9
1979-80	80.7	40.5	40.2	21.1	5.5	15.6	55.7	38.6	19.0	19.6	75.3	3.0
1980-81	80.5	42.7	37.9	23.4	5.3	18.1	56.0	40.3	19.5	20.8	76.8	2.9
1981-82	58.0	49.3	8.7	22.2	6.3	15.9	24.6	42.5	20.1	22.4	47.0	1.6
1982-83	44.2	45.7	-1.5	16.0	7.1	8.9	7.4	41.9	20.1	21.8	29.2	1.0
1983-84	44.1	37.5	6.6	14.4	7.0	7.5	14.1	43.0	20.1	22.9	37.0	1.2
1984-85	40.1	42.1	-2.0	11.9	6.8	5.1	3.2	43.9	20.9	23.0	26.2	0.8
1985-86	42.6	48.1	-5.5	12.9	6.8	6.1	0.6	42.4	21.3	21.1	21.7	0.6
1986-87	56.5	49.5	7.0	14.7	7.5	7.2	14.3	42.7	22.6	20.1	34.4	1.2
1987-88	67.9	53.5	14.4	18.1	7.5	10.5	25.0	43.2	23.0	20.2	45.2	1.5
1988-89	63.7	57.2	6.5	17.9	7.6	10.3	16.8	43.7	23.5	20.2	37.1	1.2
1989-90	65.4	58.7	6.7	18.6	7.6	11.0	17.7	44.0	24.0	20.0	37.7	1.2
1990-91	66.0	58.5	7.6	19.2	7.7	11.6	19.1	44.2	24.5	19.7	38.9	1.3
1991-92	66.5	57.8	8.8	19.7	7.7	12.0	20.7	44.0	25.0	19.0	39.7	1.3
1992-93	67.3	57.2	10.1	20.4	7.8	12.6	22.7	43.7	25.5	18.2	40.8	1.3
1993-94	66.6	56.1	10.5	21.4	7.8	13.5	24.0	43.5	26.1	17.4	41.4	1.3
1994-95	66.0	54.7	11.3	22.1	8.0	14.1	25.4	43.3	26.7	16.6	42.0	1.3
1995-96	66.4	53.2	13.1	22.4	8.2	14.3	27.4	43.2	27.2	16.0	43.4	1.3
1996-97	67.3	51.5	15.7	22.7	8.3	14.4	30.2	43.2	27.8	15.3	45.5	1.4
1997-98	68.1	50.2	18.0	22.9	8.5	14.4	32.4	43.1	28.4	14.7	47.1	1.4
1998-99	68.8	49.1	19.7	22.9	8.7	14.3	33.9	43.1	29.0	14.1	48.0	1.4
1999-00	68.8	48.7	20.1	23.0	8.8	14.2	34.3	43.2	29.7	13.5	47.8	1.4
2000-01	69.1	48.9	20.2	23.1	9.0	14.1	34.2	43.3	30.3	13.0	47.2	1.3
2001-02	69.8	48.3	21.6	23.1	9.1	14.0	35.6	43.6	30.9	12.7	48.2	1.3
2002-03	70.6	47.5	23.1	23.1	9.1	14.0	37.1	43.8	31.5	12.3	49.4	1.4
2003-04	71.3	46.5	24.9	23.1	9.1	14.0	38.9	44.1	32.2	11.9	50.8	1.4
2004-05	71.9	45.3	26.6	23.1	9.1	14.0	40.6	44.4	32.8	11.5	52.1	1.4
2005-06	72.1	44.9	27.2	23.1	9.1	14.0	41.2	44.6	33.4	11.2	52.4	1.4
2006-07	71.9	44.9	27.1	23.1	9.1	14.0	41.1	45.4	34.0	11.3	52.4	1.4
2007-08	71.8	44.8	27.0	23.1	9.1	14.0	41.0	46.1	34.6	11.5	52.5	1.4
2008-09	71.7	44.7	27.0	23.1	9.1	14.0	41.0	46.9	35.2	11.7	52.8	1.3
2009-10	71.6	44.5	27.2	23.1	9.1	14.0	41.2	47.6	35.9	11.7	52.9	1.3
2010-11	71.5	44.5	27.0	23.1	9.1	14.0	41.0	48.4	36.5	11.8	52.8	1.3

Sources: Forecast -Central Statistics Bureau, Forecast 10/87,
Ministry of Economic Development,
Government of British Columbia.
Estimated-Statistics Canada.

Note: All figures are from June 1 to May 31.

Date: October 1987.

Table 10

British Columbia Population by Selected Age Groups
Estimated (1961-86) and Forecast (1987-2011) ('000)

Year	Age Group 0-14	5-12	5-17	18-24	15-24	19+	15-64	15+	25-44	45-64	65+	70+	Total
1961	509.2	266.3	393.7	136.7	207.9	1,027.7	954.4	1,120.0	438.1	308.4	165.6	114.9	1,629.2
1962	520.4	271.7	408.1	141.5	218.2	1,040.7	972.1	1,139.8	435.9	318.0	167.7	116.8	1,660.2
1963	532.5	279.2	424.6	149.7	232.5	1,059.8	996.9	1,166.7	437.1	327.3	169.8	118.8	1,699.2
1964	542.5	286.4	439.8	161.1	249.8	1,087.3	1,030.3	1,202.4	442.8	337.7	172.1	120.3	1,744.9
1965	555.1	298.0	458.5	173.5	267.1	1,120.3	1,068.5	1,242.3	452.4	349.0	173.8	121.0	1,797.4
1966	574.3	315.6	484.0	189.9	288.3	1,170.7	1,120.9	1,299.8	470.2	362.4	178.9	123.9	1,874.1
1967	586.8	327.6	504.4	206.2	309.7	1,221.6	1,175.4	1,357.7	489.2	376.5	182.3	125.9	1,944.5
1968	593.7	336.2	521.1	220.8	329.0	1,266.6	1,223.0	1,409.1	502.8	391.2	186.1	127.8	2,002.8
1969	600.3	342.1	535.1	234.4	347.1	1,311.7	1,269.2	1,460.4	516.5	405.6	191.2	130.0	2,060.7
1970	608.9	347.2	549.4	249.9	367.8	1,363.9	1,322.0	1,519.7	532.9	421.3	197.7	133.0	2,128.6
1971	610.0	347.4	559.3	261.2	386.1	1,411.2	1,369.7	1,574.8	549.1	434.5	205.1	136.7	2,184.8
1972	610.7	344.1	563.0	270.4	399.3	1,460.8	1,419.3	1,630.4	573.0	447.0	211.1	139.9	2,241.1
1973	610.1	338.3	564.2	282.3	415.1	1,516.0	1,473.9	1,692.0	599.1	459.7	218.1	143.5	2,302.1
1974	610.8	335.0	567.8	298.8	435.4	1,583.8	1,538.7	1,765.2	628.8	474.5	226.5	148.4	2,376.0
1975	607.1	332.3	571.4	307.5	450.4	1,638.4	1,592.1	1,826.1	655.8	485.9	234.0	152.4	2,433.2
1976	595.0	325.3	568.6	312.6	459.4	1,678.4	1,629.3	1,871.7	675.4	494.5	242.4	157.6	2,466.7
1977	586.0	316.4	557.9	318.6	464.3	1,721.2	1,662.8	1,914.0	696.7	501.8	251.2	162.3	2,500.0
1978	578.0	310.4	547.4	326.7	471.5	1,770.3	1,703.1	1,964.1	721.9	509.7	261.0	168.0	2,542.1
1979	573.9	307.1	538.1	333.3	477.5	1,823.4	1,744.0	2,016.2	751.0	515.5	272.2	174.2	2,590.1
1980	579.2	310.7	537.7	341.6	485.8	1,894.0	1,801.2	2,086.5	790.8	524.6	285.3	181.6	2,665.7
1981	588.3	315.4	537.3	350.4	490.5	1,965.5	1,857.8	2,155.7	830.8	536.5	297.9	190.0	2,744.0
1982	591.5	313.5	529.5	351.8	484.7	2,013.2	1,888.8	2,196.0	860.5	543.7	307.1	196.9	2,787.5
1983	591.9	309.2	521.3	346.0	473.1	2,048.4	1,907.4	2,222.8	882.7	551.6	315.4	205.0	2,814.6
1984	592.9	306.2	518.5	339.1	465.4	2,085.0	1,930.6	2,254.8	905.7	559.5	324.2	214.1	2,847.7
1985	590.0	304.6	513.7	321.7	448.5	2,113.9	1,940.3	2,281.2	918.8	572.9	340.9	225.7	2,871.2
1986	592.4	308.3	516.5	310.1	439.5	2,127.2	1,946.8	2,296.8	937.3	570.1	349.9	232.3	2,889.2
1987	597.0	312.7	516.7	306.0	433.3	2,156.6	1,964.2	2,326.6	953.7	577.2	362.4	239.4	2,923.6
1988	604.9	317.4	517.5	305.4	429.1	2,195.8	1,990.0	2,363.9	971.3	589.6	373.8	246.1	2,968.8
1989	613.1	321.8	517.5	304.0	422.2	2,230.3	2,007.4	2,392.7	983.6	601.6	385.3	252.9	3,005.8
1990	620.8	326.5	521.2	301.7	418.8	2,264.8	2,026.6	2,422.7	994.4	613.4	396.1	263.2	3,043.5
1991	629.1	331.4	525.7	302.0	418.7	2,296.4	2,046.8	2,453.3	1,001.3	626.8	406.5	273.6	3,082.4
1992	637.4	336.9	533.6	302.1	420.0	2,328.0	2,068.3	2,484.7	999.3	649.0	416.4	283.8	3,122.1
1993	646.1	342.4	541.5	302.7	420.8	2,358.9	2,091.0	2,516.8	999.3	670.9	425.8	292.6	3,162.9
1994	653.6	348.2	550.0	301.1	420.6	2,391.3	2,115.6	2,550.7	1,003.6	691.4	435.1	301.5	3,204.3
1995	660.4	353.4	559.1	298.4	420.0	2,424.1	2,141.3	2,585.9	1,008.9	712.4	444.6	309.8	3,246.2
1996	667.1	359.0	569.1	295.7	420.2	2,458.0	2,168.5	2,622.5	1,015.8	732.6	454.0	317.7	3,289.6
1997	673.1	364.0	578.1	298.2	425.4	2,493.1	2,199.7	2,661.9	1,020.2	754.1	462.2	325.1	3,335.1
1998	679.3	368.7	586.5	302.3	431.9	2,530.7	2,232.5	2,702.8	1,023.7	776.9	470.4	332.0	3,382.1
1999	684.9	373.5	594.6	308.4	440.6	2,569.8	2,268.1	2,745.2	1,026.2	801.3	477.1	338.8	3,430.1
2000	690.2	376.5	601.3	314.4	448.4	2,609.1	2,303.9	2,787.7	1,029.7	825.8	483.8	345.7	3,477.9
2001	695.5	378.7	607.8	320.3	455.8	2,649.1	2,338.8	2,829.6	1,033.3	849.7	490.8	352.6	3,525.2
2002	699.5	380.4	613.6	326.8	464.9	2,689.9	2,376.3	2,873.9	1,037.9	873.5	497.5	358.3	3,573.4
2003	703.3	381.7	619.4	334.0	475.0	2,732.1	2,415.1	2,919.5	1,042.5	897.6	504.4	364.0	3,622.8
2004	706.9	382.7	625.3	340.1	484.7	2,775.3	2,455.1	2,966.7	1,049.5	920.8	511.6	368.3	3,673.6
2005	710.4	383.9	629.9	347.1	494.4	2,819.4	2,496.0	3,015.3	1,057.3	944.3	519.3	372.6	3,725.7
2006	713.6	385.2	633.8	354.4	504.0	2,865.3	2,535.6	3,064.5	1,066.6	965.1	528.8	377.4	3,778.1
2007	717.4	386.9	637.2	360.9	512.0	2,911.5	2,574.6	3,113.1	1,077.5	985.2	538.5	382.1	3,830.5
2008	721.7	388.7	640.2	367.5	519.5	2,958.0	2,610.9	3,161.3	1,087.9	1,003.5	550.4	386.9	3,883.0
2009	726.7	390.7	642.9	373.6	526.0	3,004.7	2,645.8	3,209.0	1,100.0	1,019.9	563.2	392.1	3,935.8
2010	732.3	392.7	645.7	379.1	531.9	3,051.5	2,681.0	3,256.3	1,114.2	1,034.9	575.3	397.8	3,988.7
2011	738.4	394.7	648.6	384.5	537.8	3,097.7	2,714.7	3,303.1	1,130.7	1,046.1	588.5	405.2	4,041.5

Sources: Forecast - Central Statistics Bureau, Forecast 10/87,
Ministry of Economic Development,
Government of British Columbia.
Estimated - Statistics Canada, 1982-85 Central Statistics Bureau.

Note: All figures are as of June 1.

Date: October 1987.

Table 11

British Columbia Population Distribution by Selected Age Groups
Estimated (1961-86) and Forecast (1987-2011) (%)

Year	Age Group 0-14	5-12	5-17	18-24	15-24	19+	15-64	15+	25-44	45-64	65+	70+	Total
1961	31.3	16.3	24.2	8.4	12.8	63.1	58.6	68.7	26.9	18.9	10.2	7.1	100.0
1962	31.3	16.4	24.6	8.5	13.1	62.7	58.6	68.7	26.3	19.2	10.1	7.0	100.0
1963	31.3	16.4	25.0	8.8	13.7	62.4	58.7	68.7	25.7	19.3	10.0	7.0	100.0
1964	31.1	16.4	25.2	9.2	14.3	62.3	59.0	68.9	25.4	19.4	9.9	6.9	100.0
1965	30.9	16.6	25.5	9.7	14.9	62.3	59.4	69.1	25.2	19.4	9.7	6.7	100.0
1966	30.6	16.8	25.8	10.1	15.4	62.5	59.8	69.4	25.1	19.3	9.5	6.6	100.0
1967	30.2	16.8	25.9	10.6	15.9	62.8	60.4	69.8	25.2	19.4	9.4	6.5	100.0
1968	29.6	16.8	26.0	11.0	16.4	63.2	61.1	70.4	25.1	19.5	9.3	6.4	100.0
1969	29.1	16.6	26.0	11.4	16.8	63.7	61.6	70.9	25.1	19.7	9.3	6.3	100.0
1970	28.6	16.3	25.8	11.7	17.3	64.1	62.1	71.4	25.0	19.8	9.3	6.2	100.0
1971	27.9	15.9	25.6	12.0	17.7	64.6	62.7	72.1	25.1	19.9	9.4	6.3	100.0
1972	27.3	15.4	25.1	12.1	17.8	65.2	63.3	72.7	25.6	19.9	9.4	6.2	100.0
1973	26.5	14.7	24.5	12.3	18.0	65.9	64.0	73.5	26.0	20.0	9.5	6.2	100.0
1974	25.7	14.1	23.9	12.6	18.3	66.7	64.8	74.3	26.5	20.0	9.5	6.2	100.0
1975	25.0	13.7	23.5	12.6	18.5	67.3	65.4	75.0	27.0	20.0	9.6	6.3	100.0
1976	24.1	13.2	23.1	12.7	18.6	68.0	66.1	75.9	27.4	20.0	9.8	6.4	100.0
1977	23.4	12.7	22.3	12.7	18.6	68.8	66.5	76.6	27.9	20.1	10.0	6.5	100.0
1978	22.7	12.2	21.5	12.9	18.5	69.6	67.0	77.3	28.4	20.1	10.3	6.6	100.0
1979	22.2	11.9	20.8	12.9	18.4	70.4	67.3	77.8	29.0	19.9	10.5	6.7	100.0
1980	21.7	11.7	20.2	12.8	18.2	71.1	67.6	78.3	29.7	19.7	10.7	6.8	100.0
1981	21.4	11.5	19.6	12.8	17.9	71.6	67.7	78.6	30.3	19.6	10.9	6.9	100.0
1982	21.2	11.2	19.0	12.6	17.4	72.2	67.8	78.8	30.9	19.5	11.0	7.1	100.0
1983	21.0	11.0	18.5	12.3	16.8	72.8	67.8	79.0	31.4	19.6	11.2	7.3	100.0
1984	20.8	10.8	18.2	11.9	16.3	73.2	67.8	79.2	31.8	19.6	11.4	7.5	100.0
1985	20.5	10.6	17.9	11.2	15.6	73.6	67.6	79.5	32.0	20.0	11.9	7.9	100.0
1986	20.5	10.7	17.9	10.7	15.2	73.6	67.4	79.5	32.4	19.7	12.1	8.0	100.0
1987	20.4	10.7	17.7	10.5	14.8	73.8	67.2	79.6	32.6	19.7	12.4	8.2	100.0
1988	20.4	10.7	17.4	10.3	14.5	74.0	67.0	79.6	32.7	19.9	12.6	8.3	100.0
1989	20.4	10.7	17.2	10.1	14.0	74.2	66.8	79.6	32.7	20.0	12.8	8.4	100.0
1990	20.4	10.7	17.1	9.9	13.8	74.4	66.6	79.6	32.7	20.2	13.0	8.6	100.0
1991	20.4	10.8	17.1	9.8	13.6	74.5	66.4	79.6	32.5	20.3	13.2	8.9	100.0
1992	20.4	10.8	17.1	9.7	13.5	74.6	66.2	79.6	32.0	20.8	13.3	9.1	100.0
1993	20.4	10.8	17.1	9.6	13.3	74.6	66.1	79.6	31.6	21.2	13.5	9.3	100.0
1994	20.4	10.9	17.2	9.4	13.1	74.6	66.0	79.6	31.3	21.6	13.6	9.4	100.0
1995	20.3	10.9	17.2	9.2	12.9	74.7	66.0	79.7	31.1	21.9	13.7	9.5	100.0
1996	20.3	10.9	17.3	9.0	12.8	74.7	65.9	79.7	30.9	22.3	13.8	9.7	100.0
1997	20.2	10.9	17.3	8.9	12.8	74.8	66.0	79.8	30.6	22.6	13.9	9.7	100.0
1998	20.1	10.9	17.3	8.9	12.8	74.8	66.0	79.9	30.3	23.0	13.9	9.8	100.0
1999	20.0	10.9	17.3	9.0	12.8	74.9	66.1	80.0	29.9	23.4	13.9	9.9	100.0
2000	19.8	10.8	17.3	9.0	12.9	75.0	66.2	80.2	29.6	23.7	13.9	9.9	100.0
2001	19.7	10.7	17.2	9.1	12.9	75.1	66.3	80.3	29.3	24.1	13.9	10.0	100.0
2002	19.6	10.6	17.2	9.1	13.0	75.3	66.5	80.4	29.0	24.4	13.9	10.0	100.0
2003	19.4	10.5	17.1	9.2	13.1	75.4	66.7	80.6	28.8	24.8	13.9	10.0	100.0
2004	19.2	10.4	17.0	9.3	13.2	75.5	66.8	80.8	28.6	25.1	13.9	10.0	100.0
2005	19.1	10.3	16.9	9.3	13.3	75.7	67.0	80.9	28.4	25.3	13.9	10.0	100.0
2006	18.9	10.2	16.8	9.4	13.3	75.8	67.1	81.1	28.2	25.5	14.0	10.0	100.0
2007	18.7	10.1	16.6	9.4	13.4	76.0	67.2	81.3	28.1	25.7	14.1	10.0	100.0
2008	18.6	10.0	16.5	9.5	13.4	76.2	67.2	81.4	28.0	25.8	14.2	10.0	100.0
2009	18.5	9.9	16.3	9.5	13.4	76.3	67.2	81.5	27.9	25.9	14.3	10.0	100.0
2010	18.4	9.8	16.2	9.5	13.3	76.5	67.2	81.6	27.9	25.9	14.4	10.0	100.0
2011	18.3	9.8	16.0	9.5	13.3	76.6	67.2	81.7	28.0	25.9	14.6	10.0	100.0

Sources: Forecast -Central Statistics Bureau, Forecast 10/87,
Ministry of Economic Development,
Government of British Columbia.
Estimated-Statistics Canada, 1982-85 Central Statistics Bureau.

Note: All Figures are as of June 1.

Date: October 1987.

TECHNICAL APPENDIX

– FORECAST ASSUMPTIONS –

This section contains a brief overview of the procedures and assumptions underlying Forecast 10/87.

Component/Cohort-Survival Method

The Component/Cohort-Survival Method of population projection as implemented for Forecast 10/87 involves first breaking up population change into the components of:

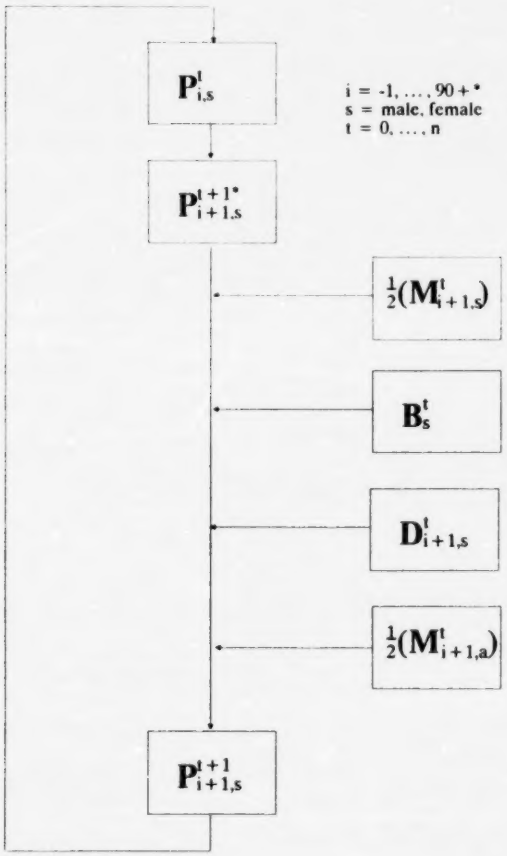
1) births,
2) deaths,
3) interprovincial and international in-/out-migration;

then projecting each component and summing to give total population change.

Specifically, beginning from a base year estimate of population by single year of age and sex, each age group i in the base year t is promoted to the next higher age group $i+1$ in time $t+1$, while at the same time taking into account the effects of net migration, births and/or deaths in that age cohort. This process is then repeated for the number of years required.

A diagrammatic representation of the process is given in Figure 13.

CSB Provincial Population Forecast Model Flow Chart
Figure 13



$P^t_{i,s}$ – Population for age group i and sex s in time t

$P^{t+1*}_{i+1,s}$ – Population for age group i + 1 and sex s between t and t + 1

$M^t_{i+1,s}$ – Net migration for age group i + 1 and sex between t and t + 1

B^t_s – Births for sex s between t and t + 1

$D^t_{i+1,s}$ – Deaths in age group i + 1 and sex s between t and t + 1

$P^{t+1}_{i+1,s}$ – Projected population for age group i + 1 and sex s in time t + 1

$^*P_{-1,s}$ – represents the population yet to be born of sex s in time t, and is, of course 0.

The source and/or derivation of each of the components of Figure 12 will be outlined over the remainder of this section.

Base Population

The base population adopted for this forecast was the June 3, 1986 Census population by sex and single year of age for British Columbia, prepared by Statistics Canada.

Fertility Forecasts

Birth forecasts for each year were a function of two variables:

(1) The number of females of child bearing ages (i.e. 15–49).
(2) The expected fertility of these women.

The fertility of women in a specific age-group can be summarized by the number of births occurring to women in that age-group divided by the number of women in that age-group. This "propensity to give birth" is termed the Age Specific Fertility Rate (ASFR) and is expressed as the number of births per 1000 women. As seen in Figure 13, the Provincial ASFR's vary significantly with age and time. The most fertile age groups are the 20–24 and 25–29 year old cohorts, followed by 30–34. Over time, one can observe a dramatic general increase in most ASFR's following the end of World War II and up to 1960, and then a drop through the 60's and early 70's. This variation in fertility has been termed the "Baby-Boom", and was evident to different extents in all but the 45–49 year old age groups.

Forecasts of each of the ASFR's were based on the following considerations:

(1) 15–19 ASFR

- Because of increased awareness of, and access to, birth control methods, fertility of the 15–19 year old age group has been dropping since the early 1960's.
- It is expected that the 15–19 year old ASFR will continue to drop in future, although at a slower rate.

British Columbia Age Specific Fertility Rate

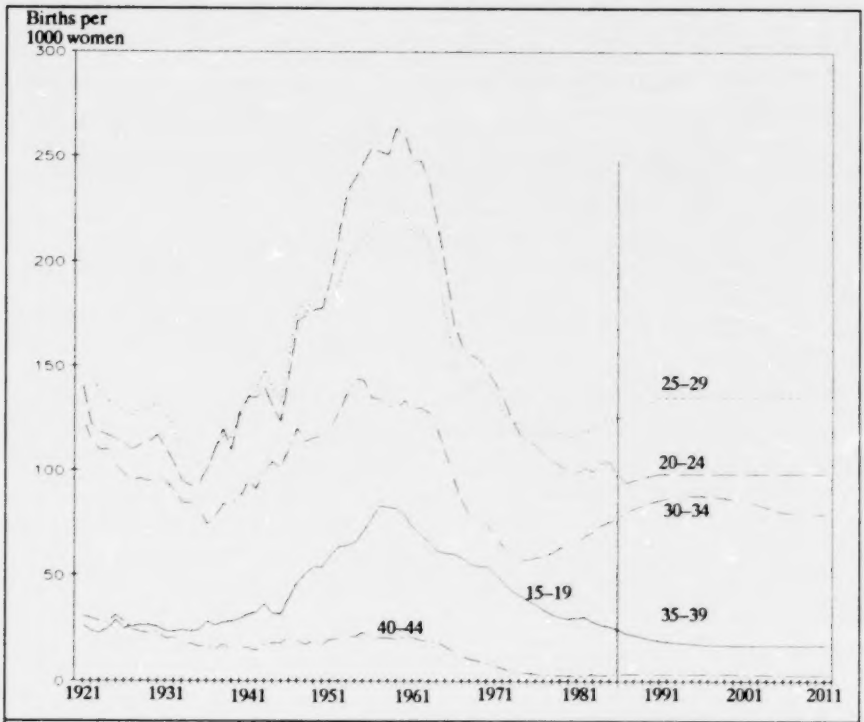


Figure 14 Note: due to scale, 45–49 omitted. Central Statistics Bureau

(2) 20–24 ASFR

- This age group showed the greatest fertility increases and subsequent decreases of any of the age groups over the Baby-Boom period.

- The dramatic declines in fertility since the early 1960's are thought to be due to the acceptance of improved birth control methods, as well as a desire to postpone child bearing. Increases in female labour force participation during this period are thought to be a reflection of this desire.

- It is assumed that the 20–24 year old ASFR will increase slightly over the next few years as economic conditions improve, then stabilize for the remainder of the forecast.

(3) 25–29 ASFR

- The 25–29 year old age range is currently the most preferred for child bearing.
- Data since 1976 have shown slight general increases in the 25–29 year old fertility rate.
- It is expected that this cohort will continue to show slight increases in the ASFR through to the early 1990's due to previous deferral on the part of the 20–24 year old cohort.

(4) 30–34 ASFR

- Fertility of 30–34 year old age group has been steadily increasing since 1976.
- This increase is thought to be due to deferral of child bearing on the part of the 20–24 and 25–29 year old cohorts during the sixties and early seventies.
- Fertility in the 30–34 year old cohort is expected to continue to increase through to the mid 1990's, declining thereafter as the deferring cohorts age beyond 34 years.

(5) 35–39 ASFR

- Fertility in the 35–39 year old cohort has been increasing since 1978 largely due to the deferral phenomenon noted earlier.
- As is the case with the 30–34 year old cohort, further increases in fertility are expected in the 35–39 age group through to the early 1990's, declining thereafter as the deferring cohorts age beyond 39 years.

(6) 40–44 ASFR

- As a result of deferral, fertility in this age group has shown slight increases since 1980.
- The fertility of this age group is expected to decline in future as the deferring cohorts age beyond 44 years.

(7) 45–49 ASFR

- Fertility in this age group is assumed to have stabilized at current levels.

British Columbia Total Fertility Rate

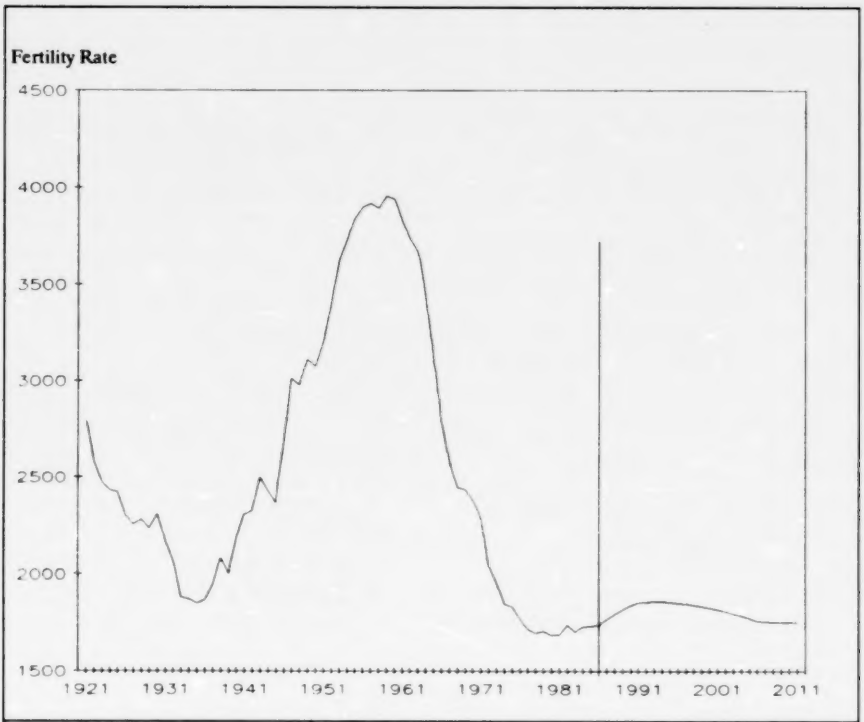


Figure 15 Central Statistics Bureau

The Total Fertility Rate (TFR) is the sum of the single year age specific fertility rates and represents a summary measure of the fertility pattern of the population. As can be seen in Figure 15, the estimated 1986 Total Fertility Rate for British Columbia is in the neighborhood of 1,736 births per 1,000 women aged 15 to 49, down from over 2,380 in 1971 and over 4,000 in 1959 (the peak of the "Baby-Boom").

The TFR is expected to arrest its decline of the 60's and early 70's, and to rise gradually toward a level of 1,881 births per 1,000 woman by the early 1990's, declining again to 1,742 by 2011.

Mortality Forecast

The Provincial mortality forecast was derived from a set of forecasts covering each of the age-sex specific death rates for the Province. These age-sex specific death rates (Q_x) were converted into "lifetable survival ratios", which were then applied to the population, producing the surviving population by age and sex.

Changes in age/sex specific mortality rates are dependent upon a number of factors. Some of these factors are: advances in medical science, greater access to timely medical assistance, and greater emphasis on preventative medicine (i.e. diet, reduction of environmental hazards, etc.).

As seen in Figures 15 and 16, the most significant improvements in mortality rates (Q_x) over the last 25 years were in the younger age groups (under 8 years). Very little relative improvement has occurred among young males aged 15–29. Similarly, little relative improvement has occurred among females in their early teens. Mortality rates over the next 25 years are expected to continue to improve in all age groups except the 90 years and over, although at reduced rates.

Historical and Projected Percent Change in Male Q_X

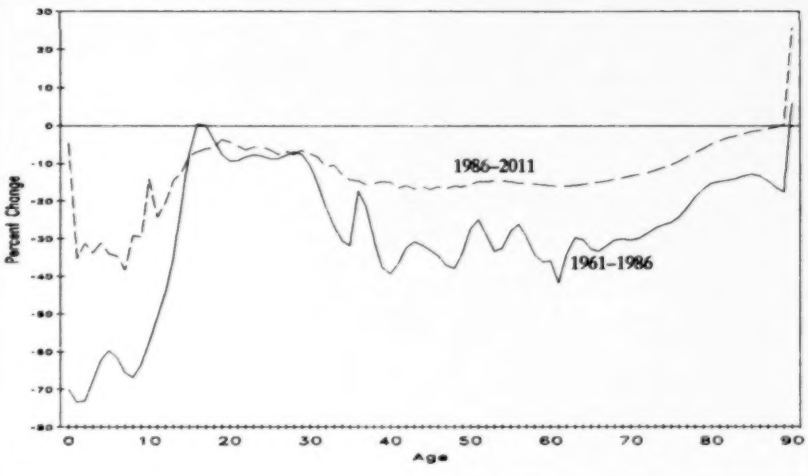


Figure 16 Central Statistics Bureau

Historical and Projected Percent Change in Female Q_X

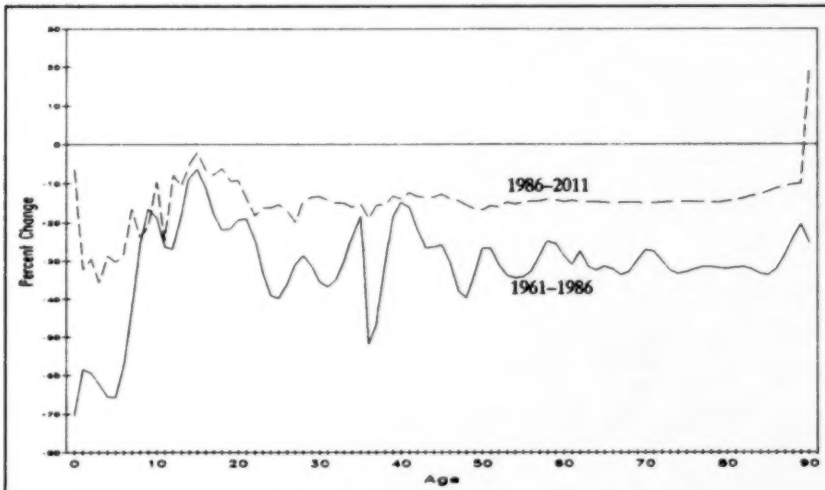


Figure 17 Central Statistics Bureau

Survival Rates 90 Years and Over Historical and Projected

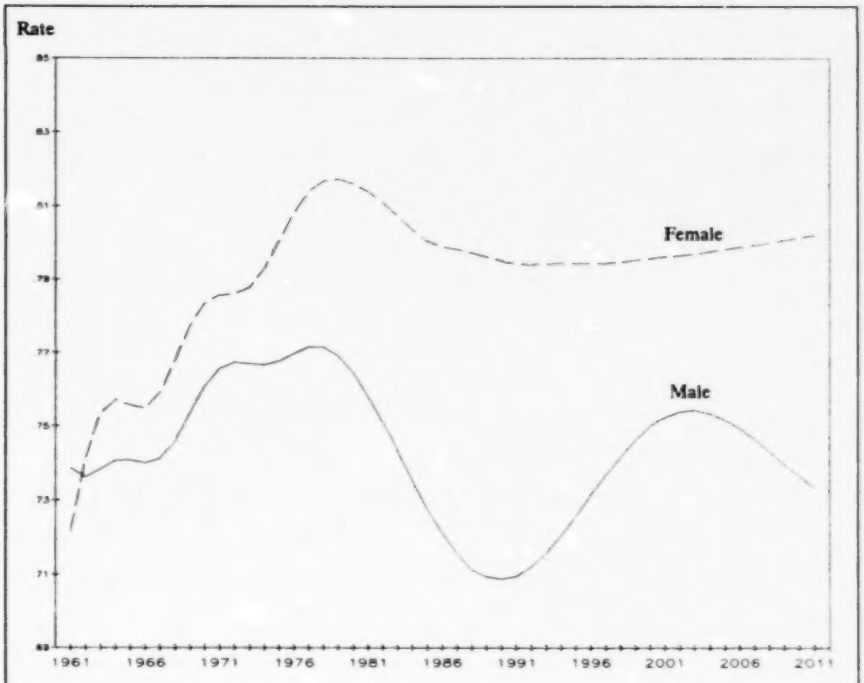


Figure 18 Central Statistics Bureau

The population aged 90 years and over is quite sensitive to changes in mortality rates. As seen in Figure 17, both male and female survival rates showed a general increase to 1979, then declined to the present. In the long-term it is reasonable to assume slight improvements in the mortality rate among the 90 + age group will occur. However, short-term declines are projected to continue. As a result, the overall change in the mortality rates between 1986 and 2011 for this age group are expected to increase.

As seen below, life expectancy at age 0 (a summary measure of the age-specific death rates) has been steadily increasing over the last 55 years.

British Columbia Life Expectancy at Age 0

Time period	Male (years)	Avg. Annual Change (years)	Female (years)	Avg. Annual Change (years)
1930–32	62.2	–	65.3	–
1940–42	63.0	.08	66.3	.10
1950–52	66.7	.37	72.4	.61
1960–62	68.9	.22	75.4	.30
1970–72	69.3	. 04	76.4	.10
1980–82	72.6	.33	79.6	.32
1985–86	74.2	.32	80.6	.20

Sources: Statistics Canada, *Life Expectancy Trends, 1930/32–1960/62*; Statistics Canada, *Life Tables, Canada and the Provinces*; Central Statistics Bureau.

This increasing trend is expected to continue through the projection, though at a lower rate than in the past. For males, this means an increase from the 1986 value of 74.2 years to 75.9 by 2011, and for females, an increase from 80.6 in 1986 to 82.6 by 2011.

Migration Forecasts

The net migration forecast given in Table 9 is the result of separate forecasts of British Columbia interprovincial in-/out- migration, as well as of international emigration and immigration. The migration forecasts given in Table 9 are intended to capture only the average levels expected over the next 25 years, and will not fully reflect any "short-run" fluctuations that may occur from year to year.

1) Interprovincial Migration

Statistical research indicates that over the past two decades fluctuations in British Columbia net interprovincial migration have been caused to a significant degree by relative differences in the British Columbia/Alberta and British Columbia/Ontario unemployment rates, as well as differences in the average real British Columbia wage rates relative to Canada.[1]

Long-term forecasts of inter-provincial migration were derived from the expected long-term performance of the British Columbia economy relative to Alberta, Ontario and the rest of Canada, as forecast in the current British Columbia Government Long-Term Economic Planning Scenario. In particular, assumptions were made regarding future unemployment rates and average wages in British Columbia relative to Alberta, Ontario and Canada.

Currently, the British Columbia unemployment rate relative to Alberta and Ontario is higher than it has been on average over the past 25 years. This is exerting downward pressure on British Columbia net-interprovincial migration. In the first decade of the forecast, unemployment rates relative to Ontario are expected to remain above historical norms, causing British Columbia net interprovincial migration to fall short of the average for the last 25 years. Throughout the rest of the forecast, the unemployment rate in British Columbia is expected to fall vis-a- vis the rates in Alberta and Ontario. As a result, the negative influence of high

1 For further information see: "An Econometric Model Describing the Movement of the Population Between British Columbia and the Rest of Canada", unpublished report, Central Statistics Bureau, Government of British Columbia, February 1985.

relative unemployment rates will be reduced, causing net interprovincial migration levels to increase.

The average real wage in British Columbia has been above the national average over the past 25 years, contributing to British Columbia's attractiveness to Canadians in other provinces. However, during the recent recession, this relative difference has eroded resulting in a decline in the economic attractiveness of the Province. Throughout the forecast, higher real incomes in British Columbia relative to Canada are expected to remain below historical levels. Therefore, the positive force of higher incomes attracting people to the Province will be less than it has been on average over the last two decades.

2) Immigration

The immigration forecast to British Columbia resulted from applying the long-term average Provincial share of Canadian immigration to a forecast annual level of immigrants to Canada.

Over the long-term, the Federal Government has recognized a need to increase immigration levels to forestall a decline in the Canadian population due to low fertility rates, and possible declines in economic activity. Canadian immigration planning figures released by Employment and Immigration Canada for 1988 have been revised upward to 125–135,000 from 115–125,000 for 1987.[2]

The actual immigration to Canada during 1987 is expected to be in the neighborhood of 150,000, well over the high end of the 1987 planning figure. This high level in relation to the planning figure is due partially to a one time only inflow of immigrants processed under the Administrative Clearance Program announced in late 1986, and the new emphasis on increasing immigration to Canada. Given the 1987 experience, the announced 1988 planning range may be somewhat conservative.

Immigration to Canada during 1988 is expected to decline slightly from the expected 1987 level as a result of an end to the Administrative

2 Government of Canada, *Annual Report to Parliament on Future Immigration Levels, (November 1986)*, Employment and Immigration Canada.

British Columbia Net Interprovincial, International and Total Migration

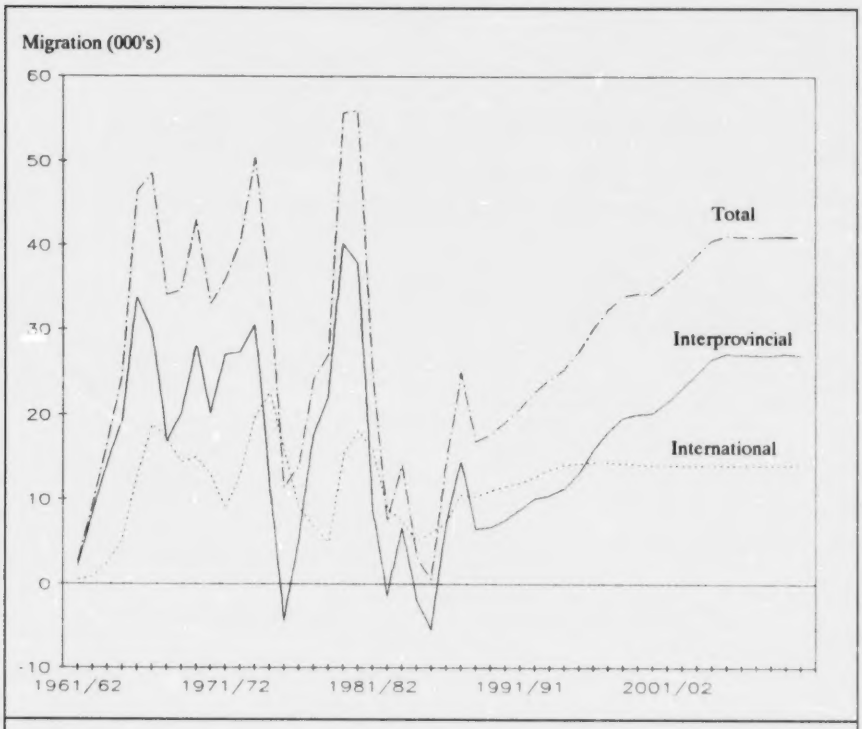


Figure 19

Central Statistics Bureau

Clearance Program. Immigration is expected to increase to 150,000 by 1990 with further increases to 165,000 by 2001 given a decline in unemployment rates, and an easing in labour force growth due to recent and forecast low fertility rates. After 2001, as the "Baby-Echo" cohort begins to enter the labour force, immigration is expected to remain stable at 165,000.

3) Emigration

The forecast number of emigrants from British Columbia was derived by applying the long term average Provincial share of Canadian emigration to a forecast level of emigrants from Canada. Canadian emigration

levels are assumed to increase from the 1986 level of 47,000 annually to 65,000 by 2001, then remain stable to the end of the projection.

4) Age/Sex Breakdown of Migrants

Age/sex specific interprovincial in/out and emigration forecasts were made by applying the average of the 1976/77 to 1985/86 age/sex structure of in and out interprovincial migrants and emigrants estimated by Statistics Canada, to the forecast total in and out interprovincial migration and emigration. [3]

Data collected since 1961 indicate a significant change in the age/sex composition of immigrants to British Columbia From 1961/62 to 1974/75 the age distribution of immigrants is similar in shape to that of interprovincial migrants, and displays an approximately equal sex composition.

Immigration data subsequent to 1974/75 displays a consistent bimodal tendency in the age structure, with peaks in both the 20–30 year old and in the 50–64 year old ranges. The sex distribution is slightly weighted toward females. This shift in the British Columbia immigration age structure seems to correspond to a change in the relative shares of immigration classes, i.e. a decrease in the independent class and an increase in the family and assisted classes.

Given the current immigration assumptions, it is likely the present "bimodal" immigration age distribution will continue throughout this decade as the share of family class immigrants continues to be high. This situation should begin to change through the 1990's as the proportion of independent class immigrants increases in response to an easing in unemployment rates and labour force growth, moving eventually back again to the post 1975 age distribution by 2020 as the baby echo enters the labour force.

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3 See: Statistics Canada, *International and Interprovincial Migration in Canada (91-208), and Postcensal Annual Estimates of Population by Marital Status, Age, Sex and Components of Growth for Canada, Provinces and Territories (91-210).* These sources represent the most recent estimate of the age/sex structure of migrants, and are based on tax data, supplemented by the 1976/81 Census migration age structure.

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